# TIC

# DC POWER SOCKET
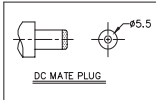
## TDC-001



"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

DC MATE PLUG
Ø5.5

| MODEL NO. | TDC-001 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø2mm |
| | Ø2.5mm |

TERMINAL NUMBER

PCB LAYOUT
(BOTTOM VIEW)

1.0X3.5(3X)
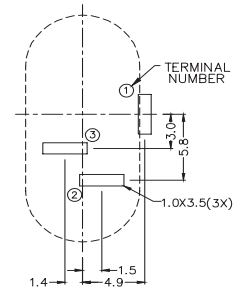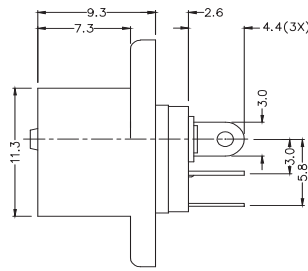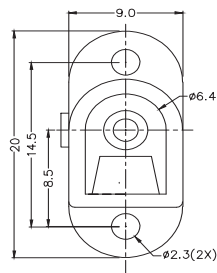
## TDC-002-1



"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

DC MATE PLUG
Ø5.5
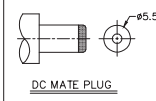
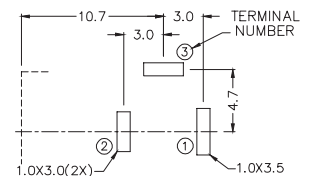| MODEL NO. | TDC-002-1 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø1.45mm |
| | Ø1.65mm |
| | Ø2mm |
| | Ø2.5mm |

TERMINAL NUMBER

1.0X3.0(2X)

1.0X3.5

PCB LAYOUT
(BOTTOM VIEW)
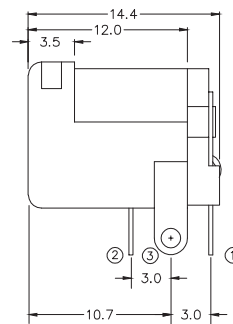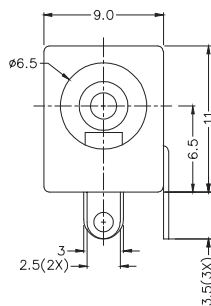
## TDC-002-2



"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

DC MATE PLUG
Ø5.5
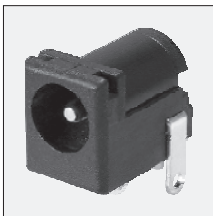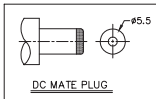
| MODEL NO. | TDC-002-2 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø1.65mm |
| | Ø2mm |
| | Ø2.5mm |

TERMINAL NUMBER

1.0X3.0(2X)

1.0X3.5

PCB LAYOUT
(BOTTOM VIEW)

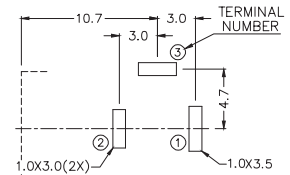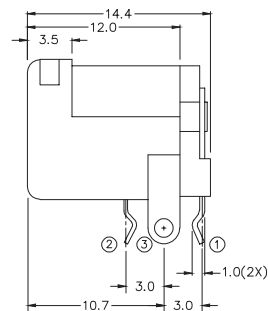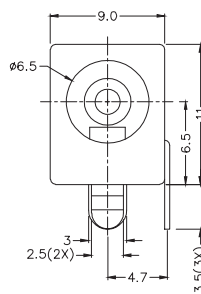## TDC-002-3



"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

DC MATE PLUG
Ø5.5
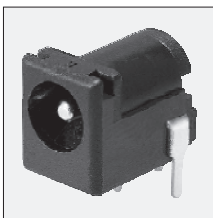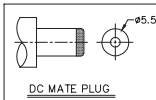
| MODEL NO. | TDC-002-3 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø1.65mm |
| | Ø2mm |
| | Ø2.5mm |

1.0X1.6(3X)

TERMINAL NUMBER

PCB LAYOUT
(BOTTOM VIEW)

# TIC

DC POWER SOCKET
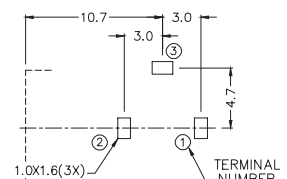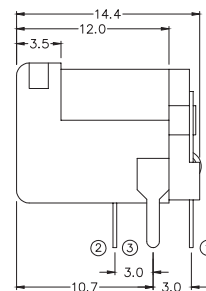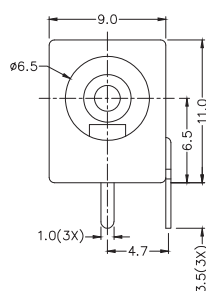
## TDC-003

"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

DC MATE PLUG
ø5.5
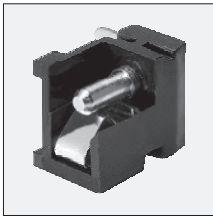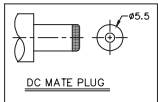
| MODEL NO. | TDC-003 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | ø2mm |
| | ø2.5mm |

TERMINAL NUMBER

2.3X1(3X)
3.6X1.7(2X)

PCB LAYOUT
(BOTTOM VIEW)

## TDC-004

DC MATE PLUG
ø5.5
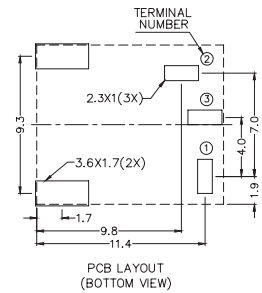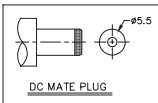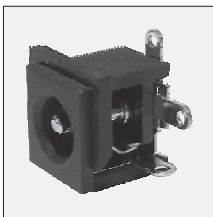
| MODEL NO. | TDC-004 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | ø2mm |
| | ø2.35mm |
| | ø2.5mm |

TERMINAL NUMBER
ø6.0
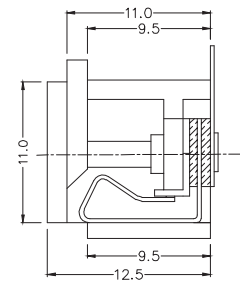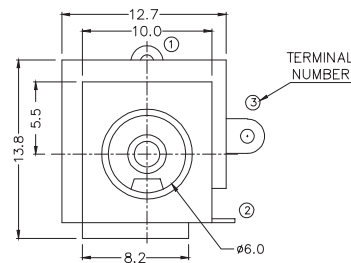
## TDC-005

DC MATE PLUG
ø5.5
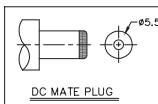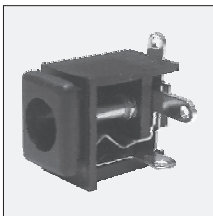
| MODEL NO. | TDC-005 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | ø1.45mm |
| | ø2mm |
| | ø2.35mm |
| | ø2.5mm |

TERMINAL NUMBER
ø5.7
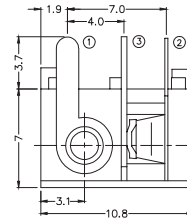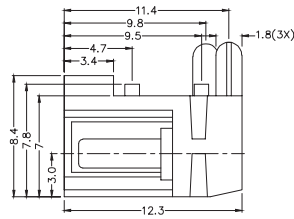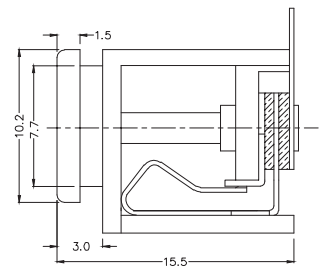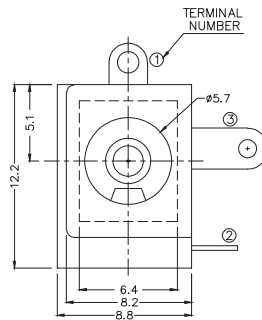
## TDC-006

"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

DC MATE PLUG
ø5.5
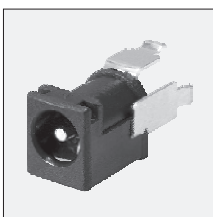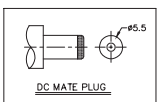
| MODEL NO. | TDC-006 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | ø2mm |
| | ø2.35mm |
| | ø2.5mm |

TERMINAL NUMBER
ø6.5

1X3(3X)

PCB LAYOUT
(BOTTOM VIEW)

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# TIC

# DC POWER SOCKET
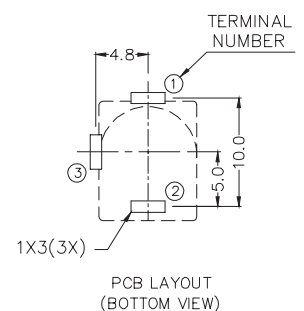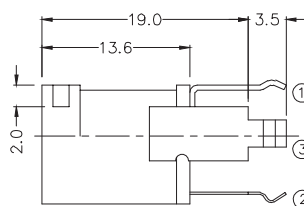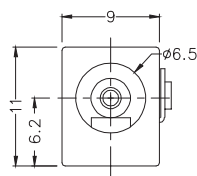
## TDC-007-1

"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

DC MATE PLUG ø3.4/3.8
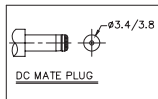
| MODEL NO. | TDC-007-1 |
|---|---|
| SCHEMATIC | |
| CENTER PIN | ø1mm |
| | ø1.3mm |

11.4
9.5
5.5
1.0
5.0
7.2
4.7
3.2
1.0(3X)
2.7
6.0
8.7
2.5
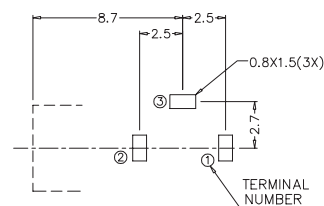2.5

8.7
2.5
2.5
0.8X1.5(3X)
2.7
TERMINAL NUMBER
PCB LAYOUT (BOTTOM VIEW)
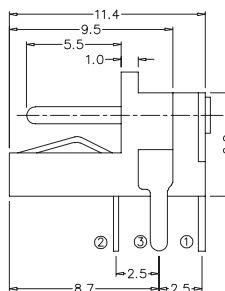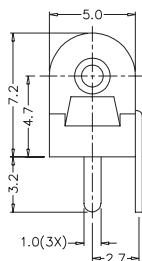
## TDC-007-2

"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

DC MATE PLUG ø3.4/3.8
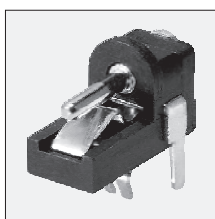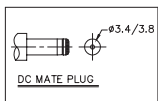
| MODEL NO. | TDC-007-2 |
|---|---|
| SCHEMATIC | |
| CENTER PIN | ø1mm |
| | ø1.3mm |

11.4
9.5
5.5
1.0
5.0
7.2
4.7
3.5
3.2
2.7
6.0
8.7
2.5
2.5

8.7
2.5
2.5
0.8X1.5
2.7
1.0X2.2(2X)
TERMINAL NUMBER
PCB LAYOUT (BOTTOM VIEW)
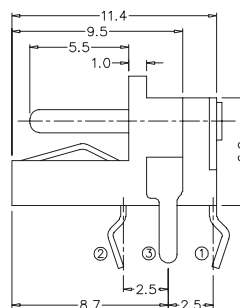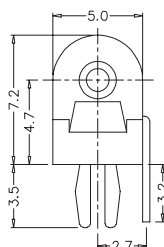
## TDC-008

"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

DC MATE PLUG ø5.5
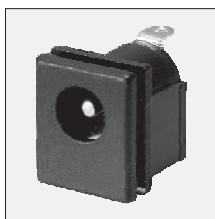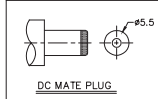
| MODEL NO. | TDC-008 |
|---|---|
| SCHEMATIC | |
| CENTER PIN | ø1.65mm |
| | ø2mm |
| | ø2.5mm |

13
ø6.6
15.7
10

1.1(2X)
5
1.5
14
4.3
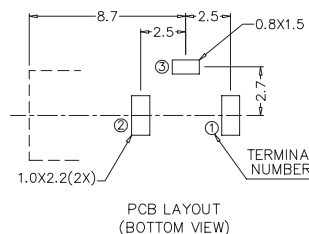13.5
2

4
2
12.2
8.8
TERMINAL NUMBER
1X3.5(3X)
PCB LAYOUT (BOTTOM VIEW)
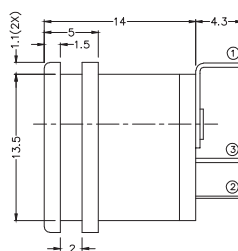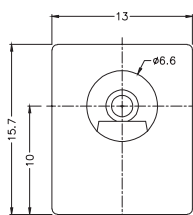
## TDC-009-1

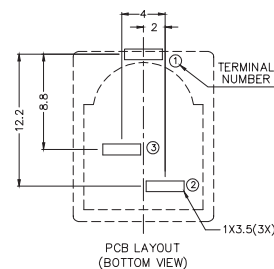"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

DC MATE PLUG O.D.
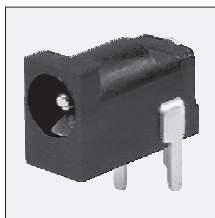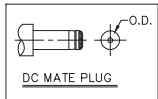
| MODEL NO. | TDC-009-1 | TDC-009-1 | TDC-009-1 |
|---|---|---|---|
| SCHEMATIC | | | |
| CENTER PIN | ø1mm | ø1.3mm | ø1.65mm |
| DC PLUG O.D. | ø3.4mm/ø3.8mm | ø3.4mm/ø3.8mm | ø3.8mm/ø4mm |

5.0
ø4.2
7.4
4.7
3.2
1.0(3X)
2.7

11.4
9.5
7.5
6.0
8.7
2.5
2.5

8.7
2.5
2.5
0.8X1.5(3X)
2.7
TERMINAL NUMBER
PCB LAYOUT (BOTTOM VIEW)

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# DC POWER SOCKET
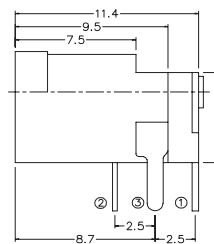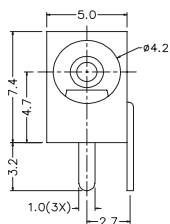
## TDC-009-2

"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

Ø3.4/3.8

DC MATE PLUG
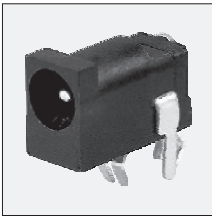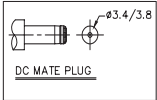
| MODEL NO. | TDC-009-2 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø1mm Ø1.3mm |

5.0
Ø4.2
7.4
4.7
3.5
3.2
2.7

11.4
9.5
7.5
6.0
② ③ ①
8.7 2.5 2.5

8.7 2.5 0.8X1.5
③ 2.7
② ①
1.0X2.2(2X)

TERMINAL NUMBER

PCB LAYOUT
(BOTTOM VIEW)

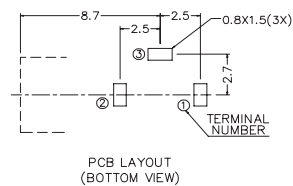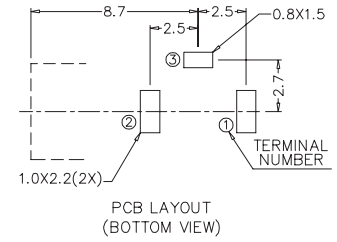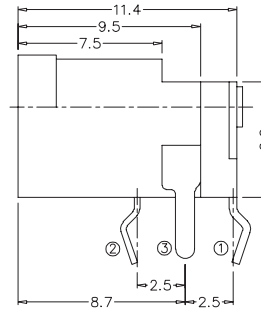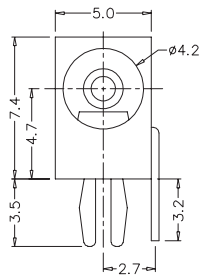## TDC-010

"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

Ø5.5

DC MATE PLUG
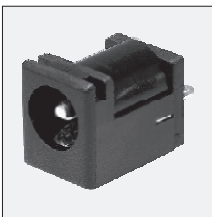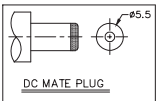
| MODEL NO. | TDC-010 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø2mm Ø2.5mm |

9.0
Ø6.5
11.0
6.5

18
13.6
3.5
3.0
① 2.7
③ 2.8
②

5.0
Ø3.5 ①
2.7 ③
2.8 ②
2.8 3.6

TERMINAL NUMBER
1.0X3.5
1.0X3.0(2X)

PCB LAYOUT
(BOTTOM VIEW)
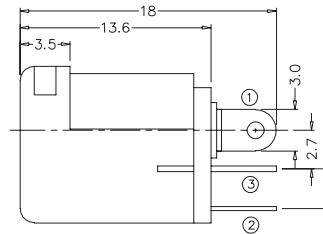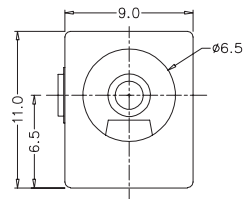
## TDC-011

"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

Ø3.4/3.8

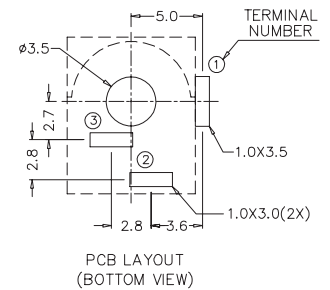DC MATE PLUG
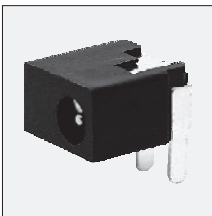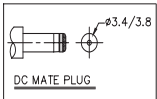
| MODEL NO. | TDC-011 | TDC-011 |
|---|---|---|
| SCHEMATIC | 1 3 2 | 1 3 2 |
| CENTER PIN | Ø1mm | Ø1.3mm |

5.5 3.5
3.0
Ø4.2 ①
8.5 3.8
6.0 ③ 3.7
② 
1.0

4.5
Ø1.0
3.0
9.0

8.0 ①
3.0 3.8
③
4.5 ③ 3.7
Ø1.2
②
0.8X2.0(3X)

TERMINAL NUMBER

PCB LAYOUT
(BOTTOM VIEW)

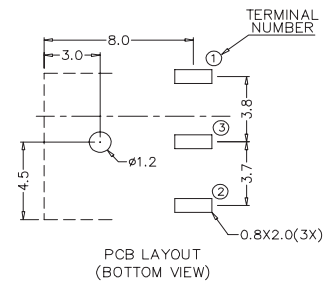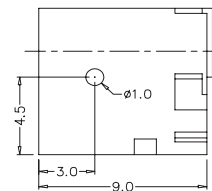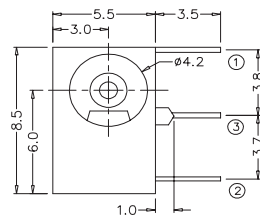## TDC-012

"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

Ø5.5

DC MATE PLUG
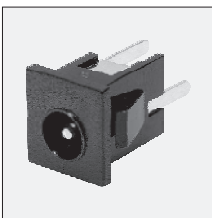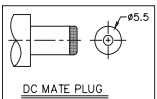
| MODEL NO. | TDC-012 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø2mm Ø2.5mm |

13.0
12.0
Ø7.0
13.0
5.0
5.5
Ø6.0

15.5
14.0
6
②
6.5 ①
4.0 11.0
2.5
③
0.8

PCB LAYOUT
(BOTTOM VIEW)
3.2
3.2
1.2X3.0(3X)
②
① 4.0
③ 2.5
TERMINAL NUMBER

0.9 11.2
6.6
3.6
2.1 8.2 11.0
5.2

PANEL CUT OUT
(BOTTOM VIEW)

# TIC
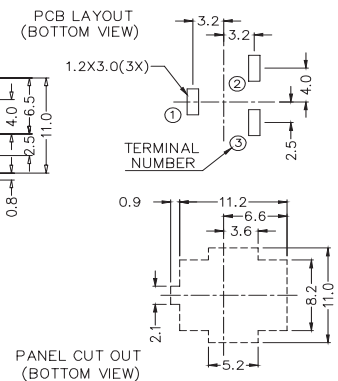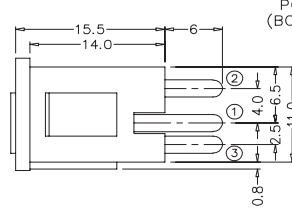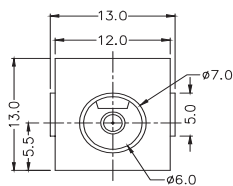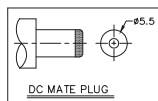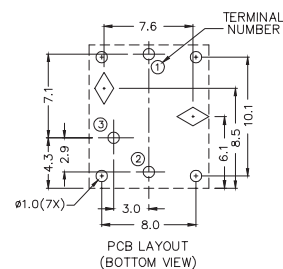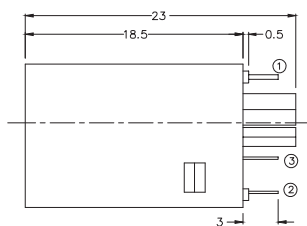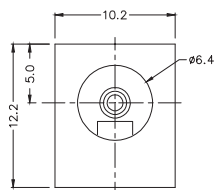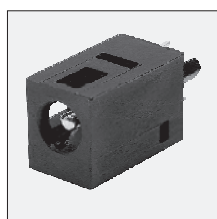
## TDC-013



| MODEL NO. | TDC-013 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø2mm Ø2.5mm |

DC MATE PLUG  Ø5.5

Ø6.4
10.2
12.2
5.0

23
18.5
0.5
3

TERMINAL NUMBER
7.6
7.1
4.3
2.9
3.0
6.1
8.5
10.1
Ø1.0(7X)
8.0
PCB LAYOUT (BOTTOM VIEW)

## TDC-014-1



"H" BEHIND THE MODEL NO. FOR HIGH CURRENT USE.

DC MATE PLUG  Ø3.4
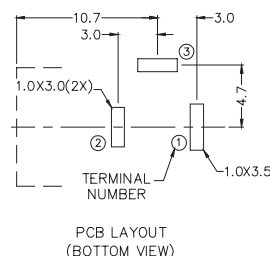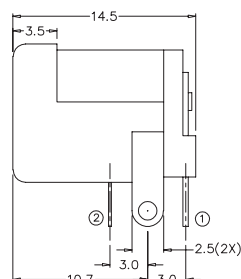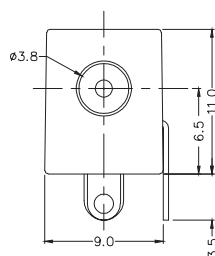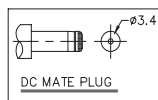
| MODEL NO. | TDC-014-1 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø1mm Ø1.3mm |

Ø3.8
11.0
6.5
9.0
3.5

14.5
3.5
10.7
3.0
2.5(2X)

10.7
3.0
1.0X3.0(2X)
3.0
4.7
1.0X3.5
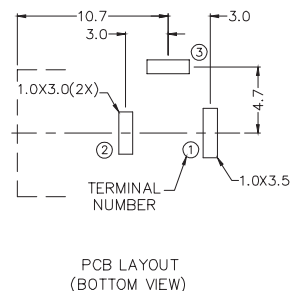TERMINAL NUMBER
PCB LAYOUT (BOTTOM VIEW)

## TDC-014-2



"H" BEHIND THE MODEL NO. FOR HIGH CURRENT USE.

DC MATE PLUG  Ø3.4
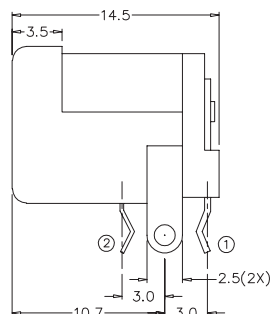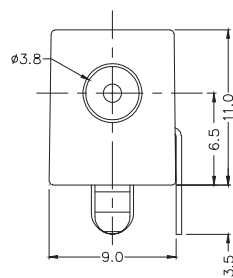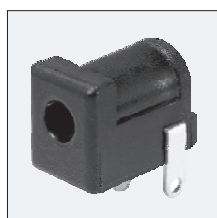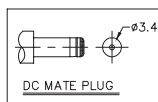
| MODEL NO. | TDC-014-2 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø1mm Ø1.3mm |

Ø3.8
11.0
6.5
9.0
3.5

14.5
3.5
10.7
3.0
2.5(2X)

10.7
3.0
1.0X3.0(2X)
3.0
4.7
1.0X3.5
TERMINAL NUMBER
PCB LAYOUT (BOTTOM VIEW)

## TDC-015



"H" BEHIND THE MODEL NO. FOR HIGH CURRENT USE.

DC MATE PLUG  Ø3.4

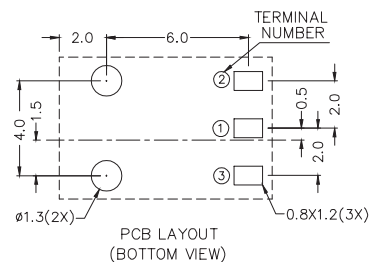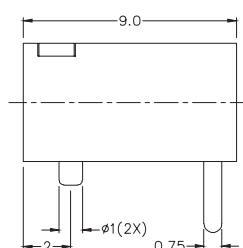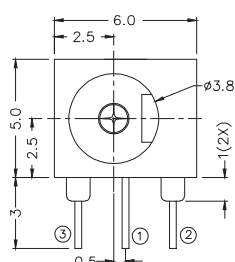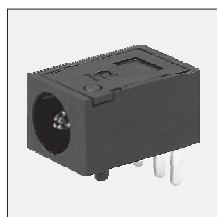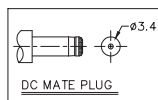| MODEL NO. | TDC-015 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø1mm Ø1.3mm |

6.0
2.5
5.0
2.5
3
Ø3.8
1(2X)
0.5

9.0
Ø1(2X)
2
0.75

TERMINAL NUMBER
2.0
6.0
4.0
1.5
0.5
2.0
2.0
Ø1.3(2X)
0.8X1.2(3X)
PCB LAYOUT (BOTTOM VIEW)

# TIC

## TDC-017

"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

DC MATE PLUG
Ø5.5
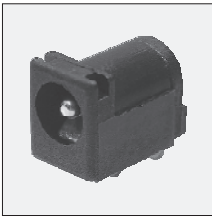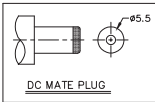
| MODEL NO. | TDC-017 |
|---|---|
| SCHEMATIC | ○1 ○2 |
| CENTER PIN | Ø2mm |
| | Ø2.5mm |

9.0
Ø6.5
11.0
6.5
3.5
3.0
2.5

14.5
3.5
② ①
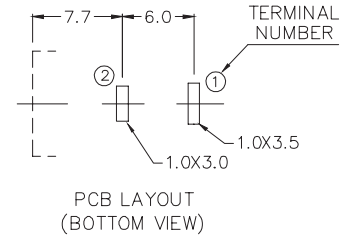7.7
6.0

7.7
6.0
② ①
1.0X3.5
1.0X3.0
TERMINAL NUMBER
PCB LAYOUT
(BOTTOM VIEW)
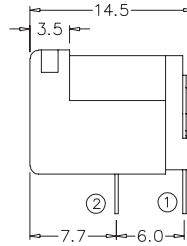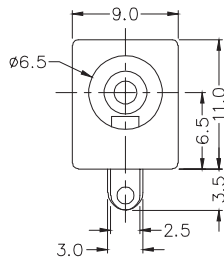
## TDC-019

"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

DC MATE PLUG
Ø5.5
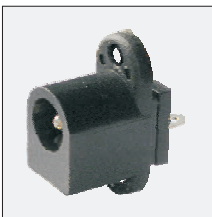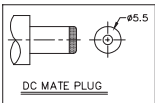
| MODEL NO. | TDC-019 |
|---|---|
| SCHEMATIC | ○1 ○3 ○2 |
| CENTER PIN | Ø2mm |
| | Ø2.5mm |

8.8
Ø6.2
20
15.5
9.0
Ø2.5(2X)

11.0
9.0
2.6
4.4(3X)
3.0
11.3
3.0
5.8
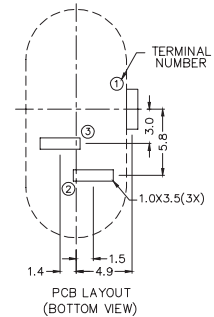
TERMINAL NUMBER
①
③
②
3.0
5.8
1.0X3.5(3X)
1.4
1.5
4.9
PCB LAYOUT
(BOTTOM VIEW)
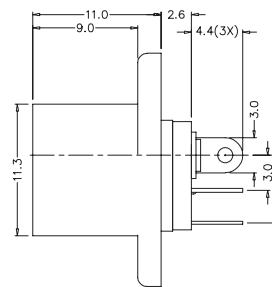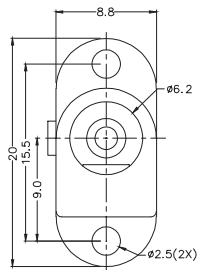
## TDC-020

"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

DC MATE PLUG
Ø5.5
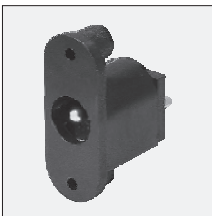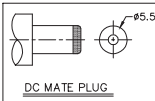
| MODEL NO. | TDC-020 |
|---|---|
| SCHEMATIC | ○1 ○3 ○2 |
| CENTER PIN | Ø2mm |
| | Ø2.35mm |
| | Ø2.5mm |

9.0
Ø6.4
18.0
23
Ø1.6(2X)

13.6
6.0
2.0
4.4(3X)
11.5
3.0
5.8
2.0
12.0

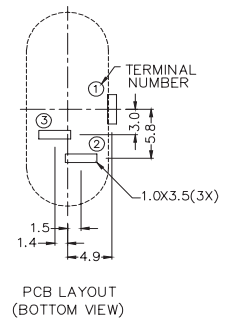TERMINAL NUMBER
①
③
②
3.0
5.8
1.0X3.5(3X)
1.5
1.4
4.9
PCB LAYOUT
(BOTTOM VIEW)
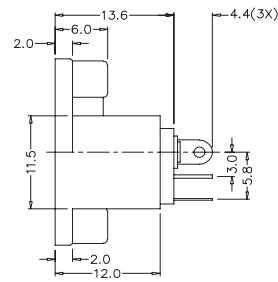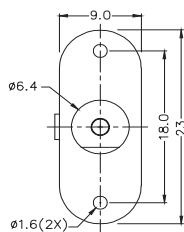
## TDC-021-1

"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

DC MATE PLUG
Ø5.5
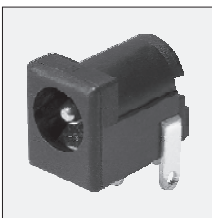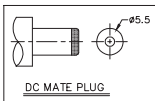
| MODEL NO. | TDC-021-1 |
|---|---|
| SCHEMATIC | ○1 ○3 ○2 |
| CENTER PIN | Ø1.65mm |
| | Ø2mm |
| | Ø2.35mm |
| | Ø2.5mm |

9.0
Ø6.5
11.0
6.5
3.5
3.0
2.5(2X)
4.7

14.4
12.0
3.5
② ③ ①
10.7
3.0

10.7
3.0
③
①
②
4.7
1.0X3.0(2X)
1.0X3.5
TERMINAL NUMBER
PCB LAYOUT
(BOTTOM VIEW)

# TIC

## DC POWER SOCKET
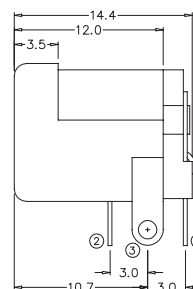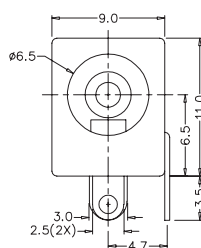
### TDC-022



"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

DC MATE PLUG    ø3.4
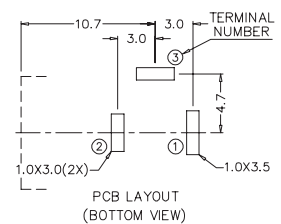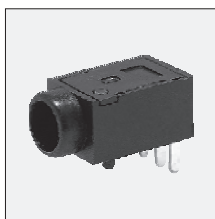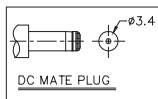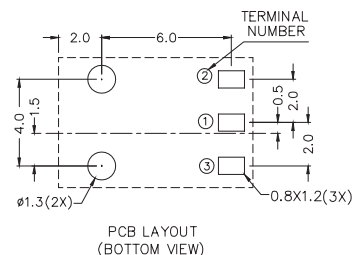
| MODEL NO. | TDC-022 |
|---|---|
| SCHEMATIC | |
| CENTER PIN | ø1mm / ø1.3mm |

6.0   2.5   5.0   2.5   3   ø3.8   ø5.0
③  ①  ②

2.0   9.0

ø1(2X)   2.0   0.75   6.0

TERMINAL NUMBER
2.0   6.0   ②   ①   ③
4.0   1.5   0.5   2.0   2.0
ø1.3(2X)   0.8X1.2(3X)
PCB LAYOUT (BOTTOM VIEW)

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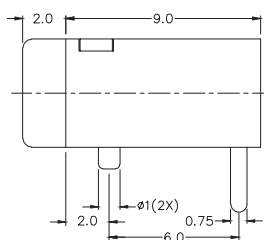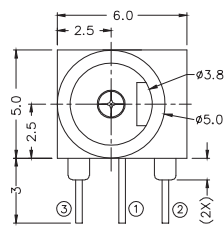
### TDC-024



"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

DC MATE PLUG   ø4.75   ø1.7
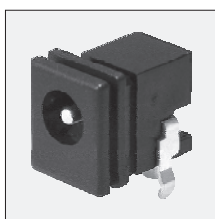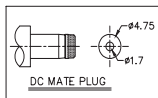
| MODEL NO. | TDC-024 |
|---|---|
| SCHEMATIC | |
| CENTRE PIN | ø1.65mm |

9.0   11.0   6.5   ø5.15
3.2(3X)   4.3   3.8   1.0(2X)

13   8.5   8   ø1.5   4.5   1.2   1.5(2X)   9   2.5

TERMINAL NUMBER
③   ①   1.8X2.7   ø1.6   ②   3.8   3.8
4.5   9.0   2.5   1.0X2.0(2X)
PCB LAYOUT (BOTTOM VIEW)

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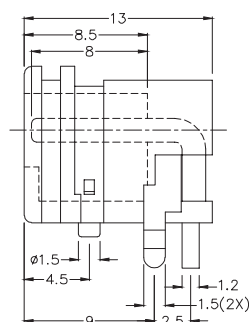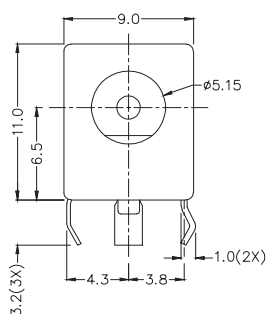
### TDC-026



"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

DC MATE PLUG   ø4.75   ø1.7
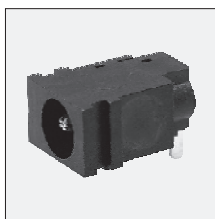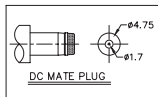
| MODEL NO. | TDC-026 |
|---|---|
| SCHEMATIC | |
| CENTER PIN | ø1.65mm |

9.0   4.0   6.0   3.0   ø5.15   2.5(3X)   3.4   1(2X)

12.5   1.2   1.5   ø1.2(2X)   4.0   1.2(3X)

TERMINAL NUMBER
1.5   2.5   ①   ②   ③   3.4
4.0   9.0   2.9   0.8X1.6(3X)
PCB LAYOUT (BOTTOM VIEW)

---

### TDC-026-2



DC MATE PLUG   ø4.75   ø1.7
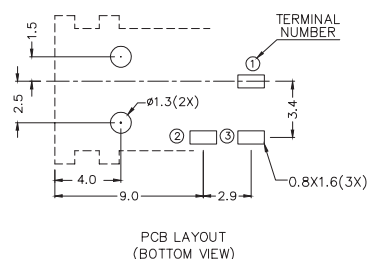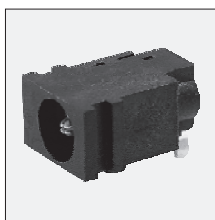
| MODEL NO. | TDC-026-2 |
|---|---|
| SCHEMATIC | |
| CENTER PIN | ø1.65mm |

9.0   4.0   6.0   3.0   ø5.15   2.5(3X)   3.4   0.8(3X)   1.0(2X)

12.5   1.2   1.5   ø1.2(2X)   4.0   1.2(3X)

TERMINAL NUMBER
1.5   2.5   ①   ②   ③   3.4
4.0   9.0   2.9   0.8X1.6(3X)
PCB LAYOUT (BOTTOM VIEW)

35

# TIC
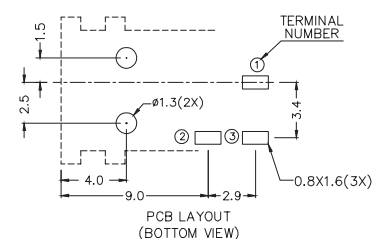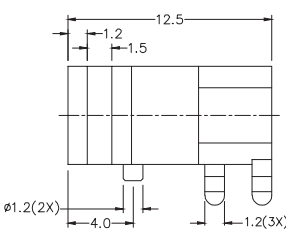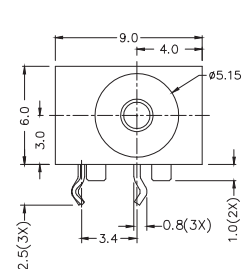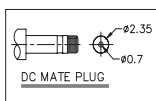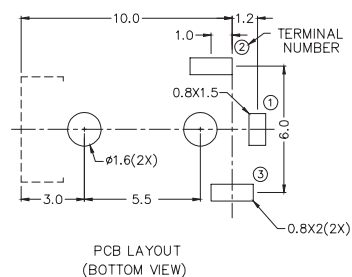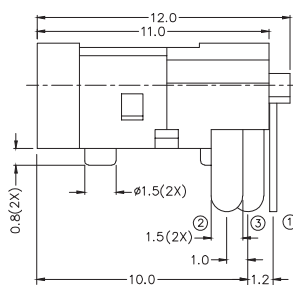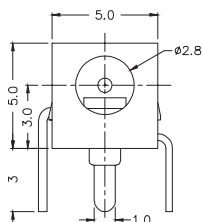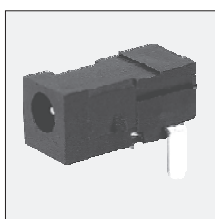
## TDC-027



| MODEL NO. | TDC-027 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | ø0.65mm |

DC MATE PLUG
ø2.35
ø0.7

PCB LAYOUT
(BOTTOM VIEW)
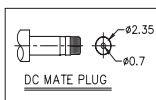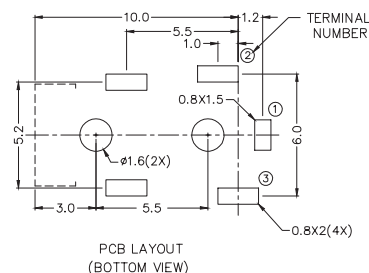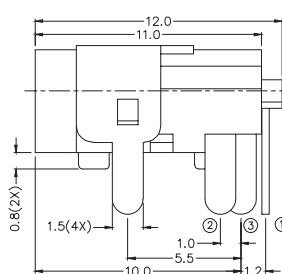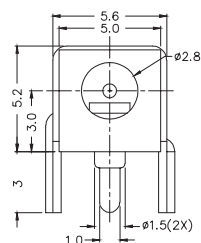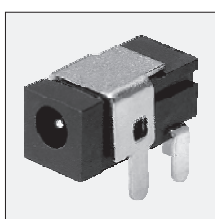
## TDC-028



| MODEL NO. | TDC-028 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | ø0.65mm |

DC MATE PLUG
ø2.35
ø0.7

PCB LAYOUT
(BOTTOM VIEW)
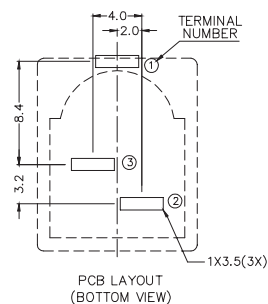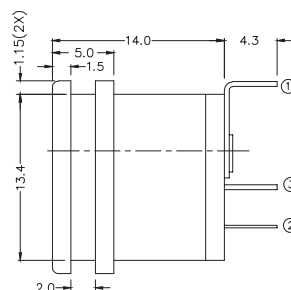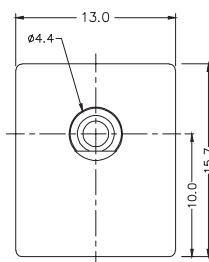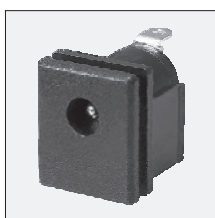
## TDC-029
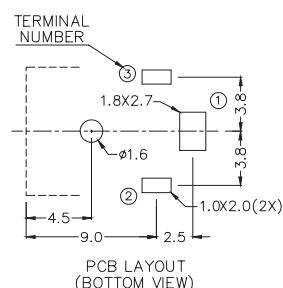


"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

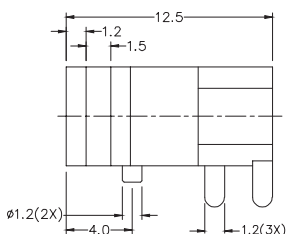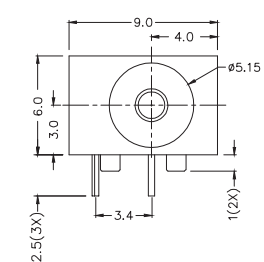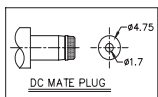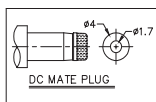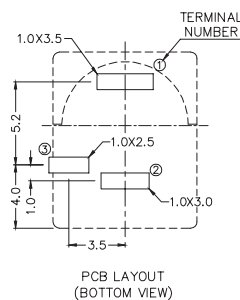| MODEL NO. | TDC-029 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | ø1.65mm |

DC MATE PLUG
ø4
ø1.7

PCB LAYOUT
(BOTTOM VIEW)
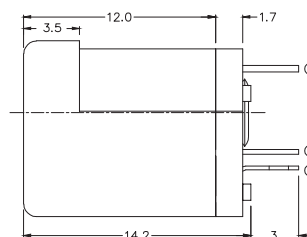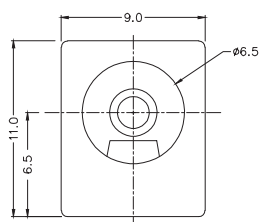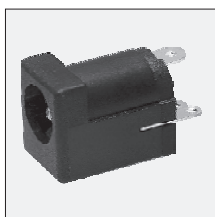
## TDC-030



"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .
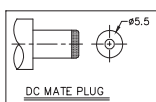
| MODEL NO. | TDC-030 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | ø2mm / ø2.5mm |

DC MATE PLUG
ø5.5

PCB LAYOUT
(BOTTOM VIEW)

# TIC
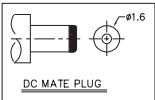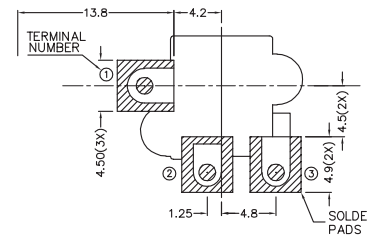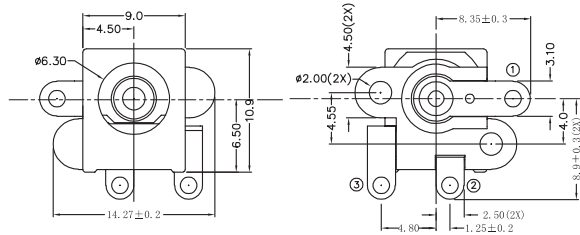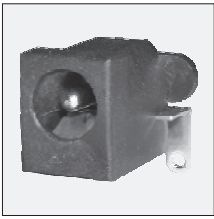
## TDC-034DH



| MODEL NO. | TDC-034DH |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø2mm Ø2.5mm |

DC MATE PLUG Ø1.6

Dimensions: 9.0, 4.50, Ø6.30, 6.50, 10.9, 14.27±0.2
8.35±0.3, 4.50(2X), 3.10, Ø2.00(2X), 4.55, 4.0, 8.9±0.3(2X), 2.50(2X), 4.80, 1.25±0.2
13.8, 4.2, TERMINAL NUMBER, 4.50(3X), 4.5(2X), 4.9(2X), 1.25, 4.8, SOLDER PADS

## TDC-035S



| LETTER BEHIND THE MODEL NO | "H" | FOR HIGH CURRENT USE |
|---|---|---|
| | "S" | FOR SHIELD USE |

DC MATE PLUG Ø4 Ø1.7
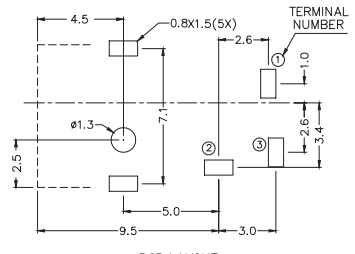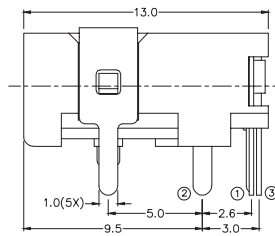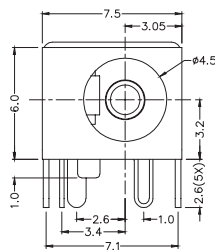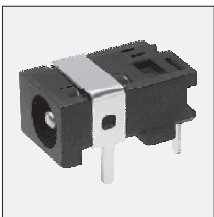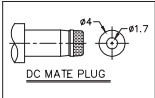
| MODEL NO. | TDC-035S |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø1.65mm |

Dimensions: 7.5, 3.05, Ø4.5, 6.0, 3.2, 2.6(5X), 1.0, 2.6, 3.4, 1.0, 7.1
13.0, 1.0(5X), 9.5, 5.0, 2.6, 3.0
4.5, 0.8X1.5(5X), TERMINAL NUMBER, 2.6, 1.0, Ø1.3, 7.1, 2.6, 3.4, 2.5, 5.0, 9.5, 3.0
PCB LAYOUT (BOTTOM VIEW)

## TDC-036



"H" BEHIND THE MODEL NO. FOR HIGH CURRENT USE.

DC MATE PLUG Ø4.75 Ø1.7
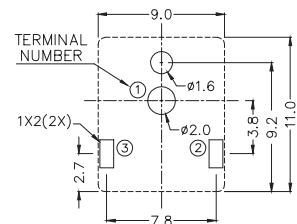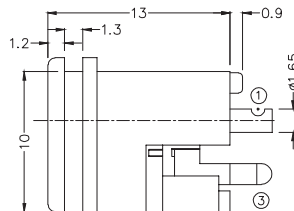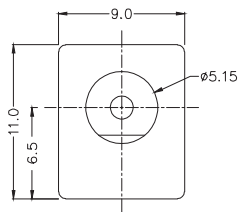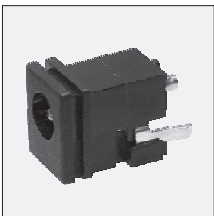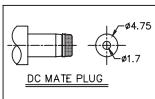
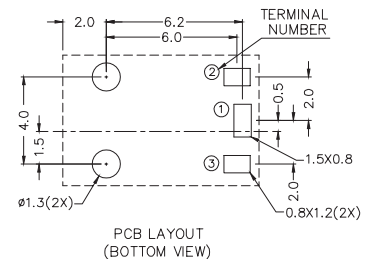| MODEL NO. | TDC-036 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTRE PIN | Ø1.65mm |

Dimensions: 9.0, Ø5.15, 11.0, 6.5
13, 0.9, 1.2, 1.3, Ø1.65, 10
9.0, TERMINAL NUMBER, Ø1.6, Ø2.0, 1X2(2X), 2.7, 3.8, 9.2, 11.0, 7.8
PCB LAYOUT (BOTTOM VIEW)

## TDC-037



"H" BEHIND THE MODEL NO. FOR HIGH CURRENT USE.

DC MATE PLUG Ø3.4
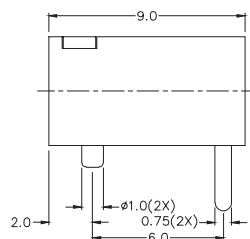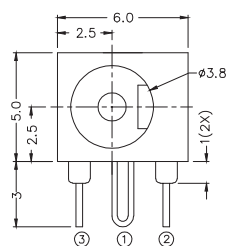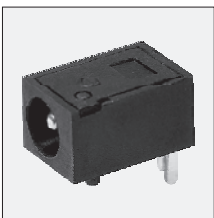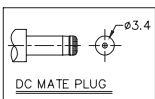
| MODEL NO. | TDC-037 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | Ø1.3mm |

Dimensions: 6.0, 2.5, Ø3.8, 5.0, 2.5, 1(2X), 3
9.0, Ø1.0(2X), 0.75(2X), 2.0, 6.0
2.0, 6.2, 6.0, TERMINAL NUMBER, 0.5, 2.0, 4.0, 1.5, 1.5X0.8, Ø1.3(2X), 0.8X1.2(2X)
PCB LAYOUT (BOTTOM VIEW)

# TIC

# DC POWER SOCKET

## TDC-038S



| LETTER BEHIND THE MODEL NO | "H" | FOR HIGH CURRENT USE |
|---|---|---|
| | "S" | FOR SHIELD USE |

DC MATE PLUG — ø5.5
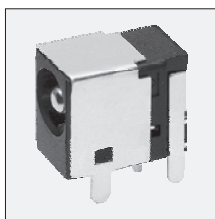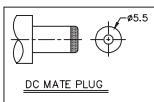
| MODEL NO. | TDC-038S |
|---|---|
| SCHEMATIC | |
| CENTER PIN | ø1.65mm |
| | ø2mm |
| | ø2.5mm |

## TDC-040H-2



DC MATE PLUG — ø6.5
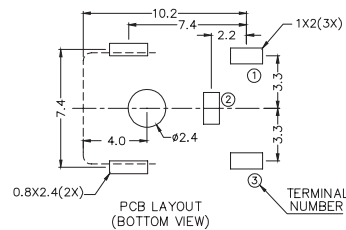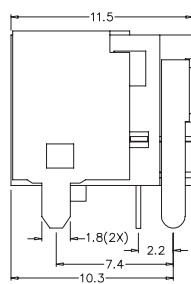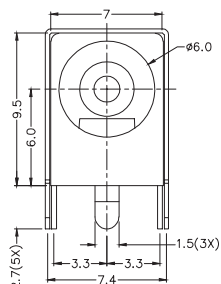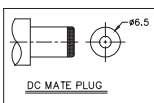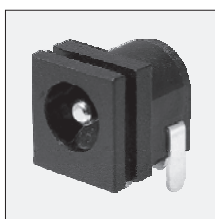
| MODEL NO. | TDC-040H-2 |
|---|---|
| SCHEMATIC | |
| CENTER PIN | ø2mm |
| | ø2.5mm |
| | ø3mm |
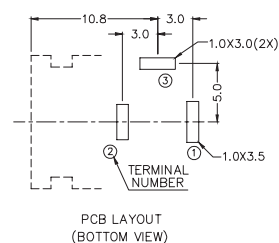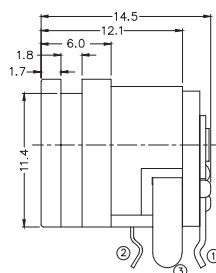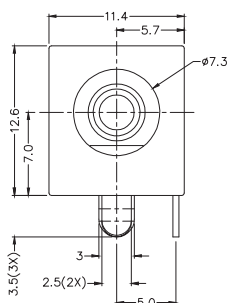
## TDC-044S-1



| LETTER BEHIND THE MODEL NO | "H" | FOR HIGH CURRENT USE |
|---|---|---|
| | "S" | FOR SHIELD USE |

DC MATE PLUG — ø5.5
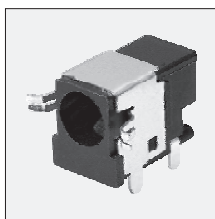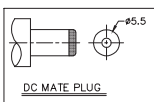
| MODEL NO. | TDC-044S-1 |
|---|---|
| SCHEMATIC | |
| CENTER PIN | ø2mm |
| | ø2.5mm |
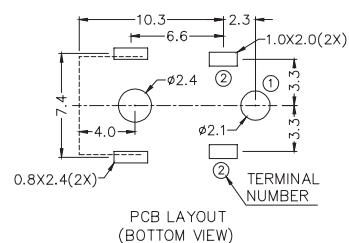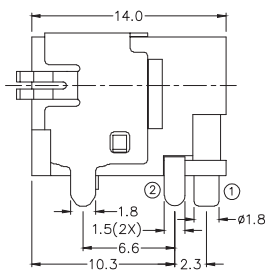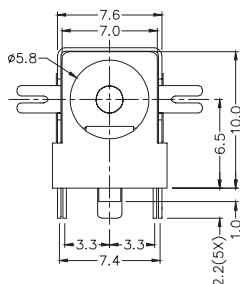
## TDC-044S2-1



| LETTER BEHIND THE MODEL NO | "H" | FOR HIGH CURRENT USE |
|---|---|---|
| | "S" | FOR SHIELD USE |

DC MATE PLUG — ø5.5
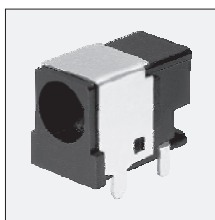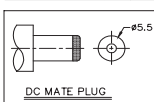
| MODEL NO. | TDC-044S2-1 |
|---|---|
| SCHEMATIC | |
| CENTER PIN | ø2mm |
| | ø2.5mm |

PCB LAYOUT (BOTTOM VIEW)

38

# TIC

DC POWER SOCKET
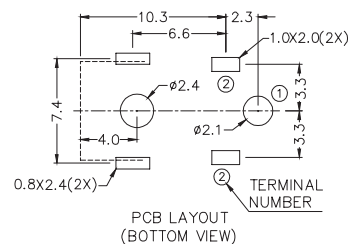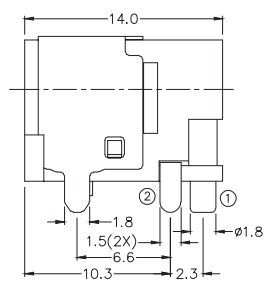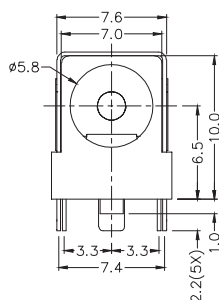
## TDC-045-2



"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

DC MATE PLUG
Ø3.4
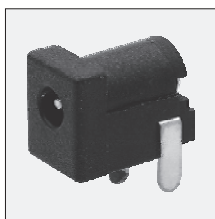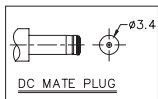
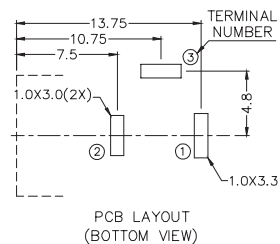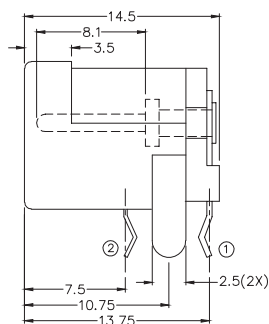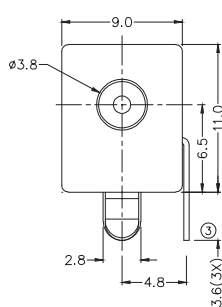| MODEL NO. | TDC-045-2 |
|---|---|
| SCHEMATIC | ○1 ○3 ○2 |
| CENTER PIN | Ø1mm Ø1.3mm |

9.0
Ø3.8
11.0
6.5
2.8
4.8
3.6(3X)

14.5
8.1
3.5
②　①
7.5
10.75
2.5(2X)
③
13.75

TERMINAL NUMBER
13.75
10.75
7.5
③
1.0X3.0(2X)
4.8
②　①
1.0X3.3

PCB LAYOUT
(BOTTOM VIEW)

## TDC-046



DC MATE PLUG
Ø4.75
Ø1.7
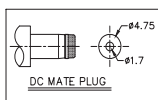
| MODEL NO. | TDC-046 |
|---|---|
| SCHEMATIC | ○1 ○2 ○3 |
| CENTRE PIN | Ø1.65mm |

15.0
6.5
Ø5.15
9.0
4.5

Ø1(4X)
7
6
③
2.0
3.0

7.0
5.0
5.5
3.5
TERMINAL NUMBER
①
③　②
6.0
0.8X2.5(2X)
Ø1.8
Ø1.1(4X)

PCB LAYOUT
(BOTTOM VIEW)
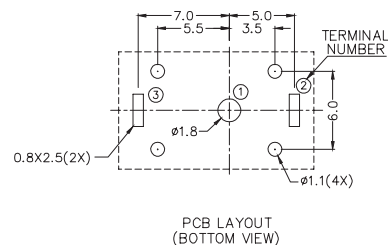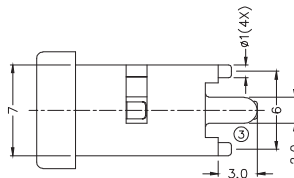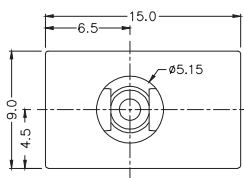
## TDC-047



| LETTER BEHIND THE MODEL NO | "H" | FOR HIGH CURRENT USE |
|---|---|---|
|  | "S" | FOR SHIELD USE |

DC MATE PLUG
Ø5.5
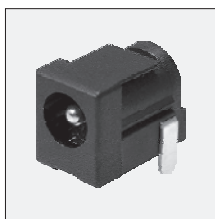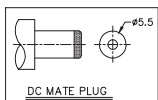
| MODEL NO. | TDC-047 |
|---|---|
| SCHEMATIC | ○1 ○3 ○2 |
| CENTER PIN | Ø1.65mm Ø2mm Ø2.35mm Ø2.5mm |

9.0
Ø6.0
11.0
6.5
3
2.4(2X)
Ø1.5
4.8
2.2(3X)

14.4
11.9
3.5
2.0
② ③ ①
7.2
3.0
10.7
3.0

10.7
7.2
3.0
3.0
TERMINAL NUMBER
③
1.0X3.0
4.8
Ø1.8
②　①
1.0X3.0
1.0X3.5

PCB LAYOUT
(BOTTOM VIEW)
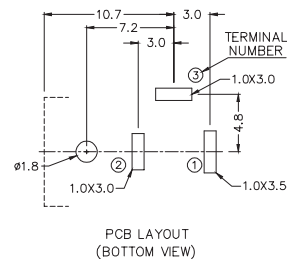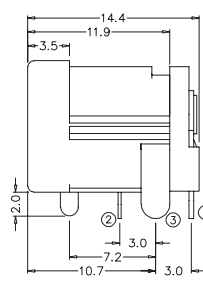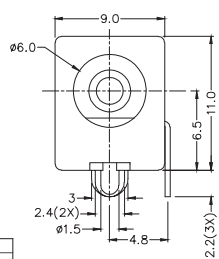
## TDC-048S



| LETTER BEHIND THE MODEL NO | "H" | FOR HIGH CURRENT USE |
|---|---|---|
|  | "S" | FOR SHIELD USE |

DC MATE PLUG
Ø5.5
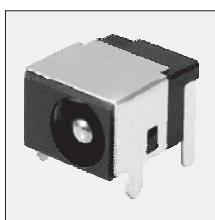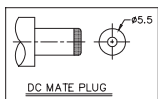
| MODEL NO. | TDC-048S |
|---|---|
| SCHEMATIC | ○1 ○3 ○2 |
| CENTER PIN | Ø1.65mm Ø2mm Ø2.5mm |

7.3
3.5
2.5(5X)
Ø6.0
0.1
3.4
③
10.1
6.3
5.2
②
1.0

11.5
4.0
1.6X1.6

10.3
3.0(2X)
4.0
TERMINAL NUMBER
①
3.7
1.8X1.8
0.1
3.4
③
6.2
5.2
②
0.8X2.0(3X)
0.8X2.3(2X)

PCB LAYOUT
(BOTTOM VIEW)

39

# TIC
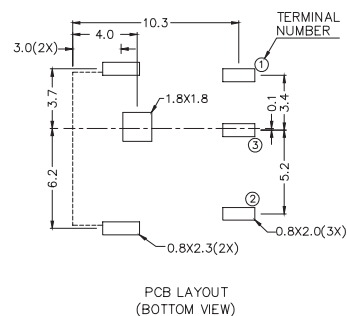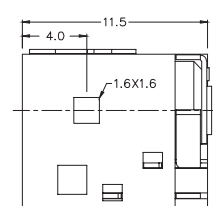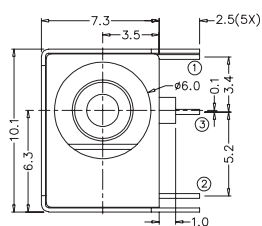
## TDC-049-2

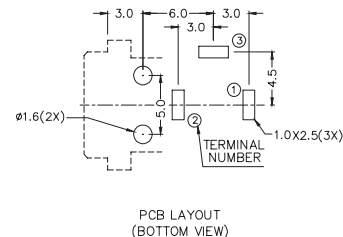"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

DC MATE PLUG
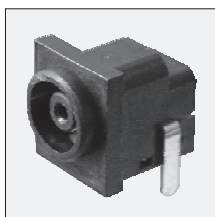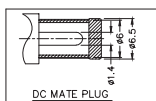
| MODEL NO. | TDC-049-2 |
|-----------|-----------|
| SCHEMATIC | |

Ø9.0
Ø7.0
Ø4.0
Ø1.45
11.0
12.5
7.0
5.0
3.5(3X)
1.0(2X)

2.0
12.5
2.0
3.0
6.0
3.0

3.0
6.0
3.0
4.5
Ø1.6(2X)
5.0
TERMINAL NUMBER
1.0X2.5(3X)

PCB LAYOUT
(BOTTOM VIEW)
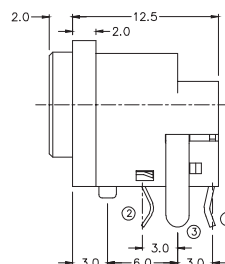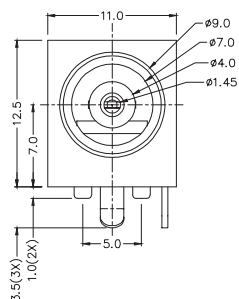
## TDC-052

"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

DC MATE PLUG
Ø3.4
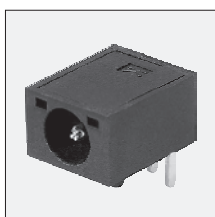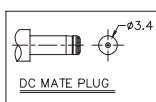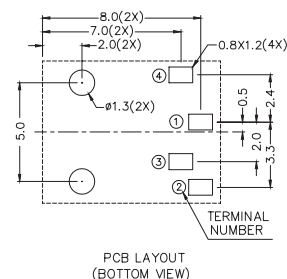
| MODEL NO. | TDC-052 |
|-----------|---------|
| SCHEMATIC | |
| CENTER PIN | Ø1mm |
| | Ø1.3mm |

7.2
3.6
Ø3.8
5.0
2.5
.3(4X)
2.0
0.5
3.3
2.4

9.0
1.0(2X)
Ø1.0(2X)
2.0(2X)
0.75(4X)
7.0(2X)
8.0(2X)

8.0(2X)
7.0(2X)
2.0(2X)
0.8X1.2(4X)
Ø1.3(2X)
5.0
0.5
2.4
2.0
3.3
TERMINAL NUMBER

PCB LAYOUT
(BOTTOM VIEW)
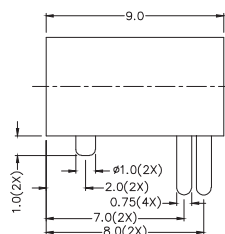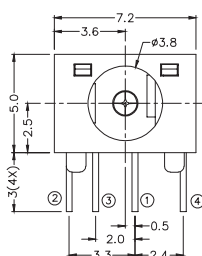
## TDC-054

"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

DC MATE PLUG
Ø3.4
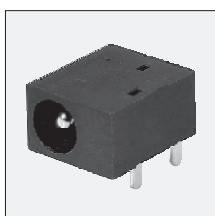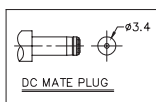
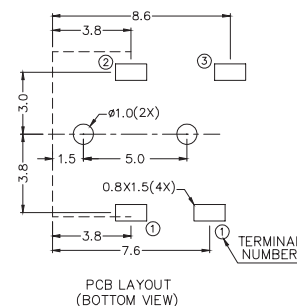| MODEL NO. | TDC-054 |
|-----------|---------|
| SCHEMATIC | |
| CENTER PIN | Ø1mm |
| | Ø1.3mm |

8
2.7
5.2
2.6
2.5(4X)
Ø3.9
4.0
Ø0.8(2X)

9.3
0.8(2X)
1.5
5.0
1(4X)

8.6
3.8
3.0
3.8
Ø1.0(2X)
1.5
5.0
0.8X1.5(4X)
3.8
7.6
TERMINAL NUMBER

PCB LAYOUT
(BOTTOM VIEW)
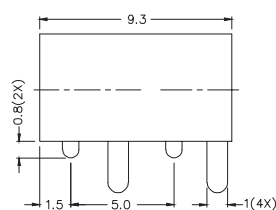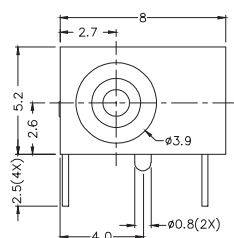
## TDC-055

"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

DC MATE PLUG
Ø3.8/Ø4
Ø1.7
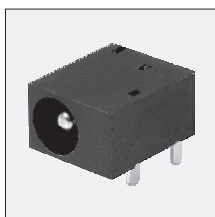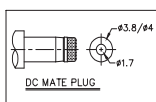
| MODEL NO. | TDC-055 |
|-----------|---------|
| SCHEMATIC | |
| CENTER PIN | Ø1.65mm |

8
2.7
5.2
2.6
2.5(4X)
Ø4.4
4.0
1.3(2X)
Ø0.8(2X)

9.3
0.8(2X)
1.5
5.0
1(4X)

8.6
3.8
3.0
3.8
Ø1.0(2X)
1.5
5.0
0.8X1.5(4X)
3.8
7.6
TERMINAL NUMBER

PCB LAYOUT
(BOTTOM VIEW)

# TIC

## TDC-056



Ø3.8

9.0
11.0
6.5

12.0
3.5
1.7
14.2
3

TERMINAL NUMBER
1.0X3.5
①
5.2
③
4.0
1.0
②
1.0X2.5
1.0X3.0
3.5

PCB LAYOUT (BOTTOM VIEW)
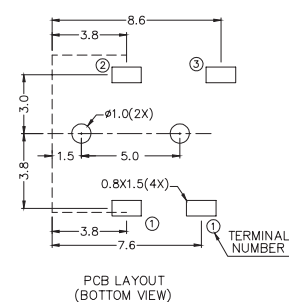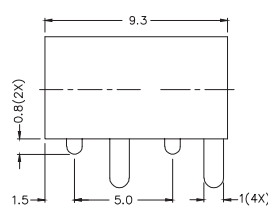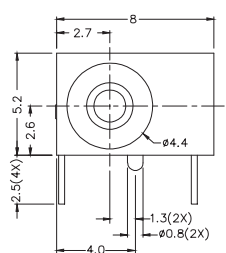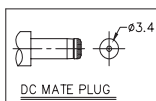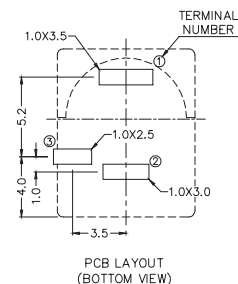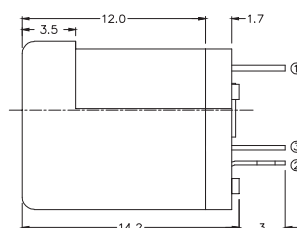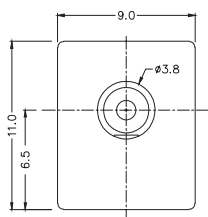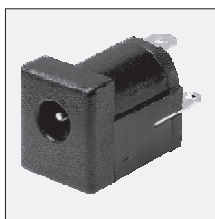
| MODEL NO. | TDC-056 |
|---|---|
| SCHEMATIC | ①③② |
| CENTER PIN | Ø1mm Ø1.3mm |

Ø3.4
DC MATE PLUG

## TDC-058-2



10.0
5.0
11.5
6.5
Ø3.0
Ø8.0
Ø5.9
Ø1.1
1.0(2X)
3.5(3X)
5.0
Ø1.5(2X)

2.0
2.0
12.5
7.0
8.5
3.1
3.0
9.1

TERMINAL NUMBER
9.1
3.0
③
4.5
②
①
5.0
1.0X2.5(3X)
Ø1.6(2X)

PCB LAYOUT (BOTTOM VIEW)
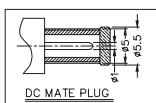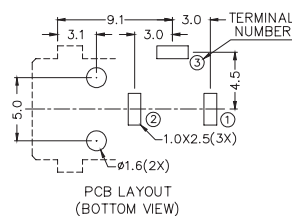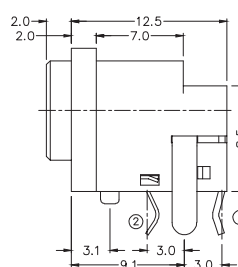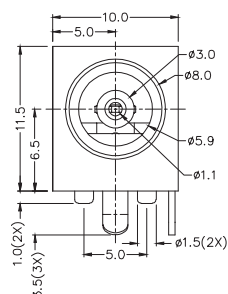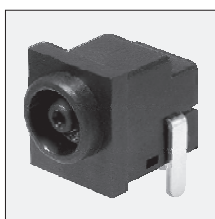
| MODEL NO. | TDC-058-2 |
|---|---|
| SCHEMATIC | ①③② |

Ø5.5
DC MATE PLUG

## TDC-060



6.6
2.6
5.1
2.5
Ø5.0
Ø3.8
③ ① ② ③
2.5(2X)
0.6
2.5
3.0
3.9

11.0
1.5
0.8(2X)
1.6(2X)
3.0
Ø1.1(2X)
1.2(2X)
8.0

8.0
3.0
③
②
0.8X1.8(2X)
3.9
Ø1.2(2X)
3.0
2.5
2.0
4.0
0.6
③
①
0.8X2.0(2X)
3.0
TERMINAL NUMBER
8.5

PCB LAYOUT (BOTTOM VIEW)

7.5
2.6
0.7(2X)
Ø3.5
Ø1.1
③ ②
DC MATE PLUG
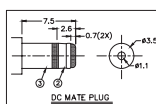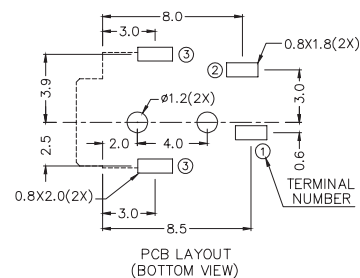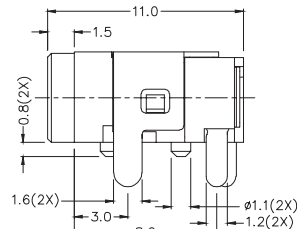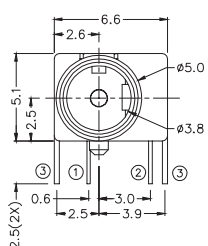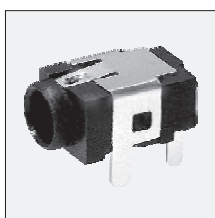
| MODEL NO. | TDC-060 |
|---|---|
| SCHEMATIC | ①③② |
| CENTER PIN | Ø1mm |

## TDC-061



9.0
4.5
11.0
6.5
Ø6.3
3.4(3X)
2.5(2X)

14.5
1.6
② ③ ①
3.5
1.4
3.2
10.7
3.1

10.7
3.1
3.0
3.2
③
4.8
②
①
Ø2.0
1.0X3.0(2X)
TERMINAL NUMBER
1.0X3.5

PCB LAYOUT (BOTTOM VIEW)

"H" BEHIND THE MODEL NO.
FOR HIGH CURRENT USE.

Ø5.5
DC MATE PLUG
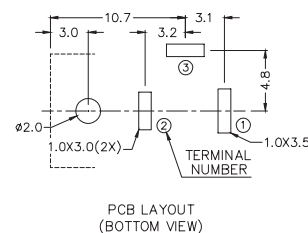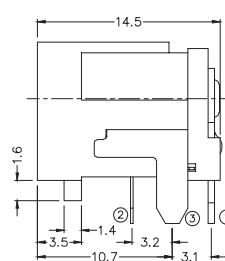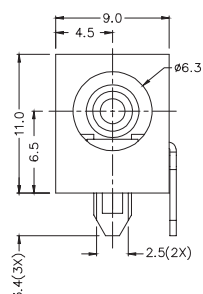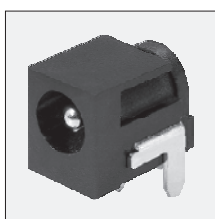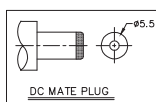
| MODEL NO. | TDC-061 |
|---|---|
| SCHEMATIC | ①③② |
| CENTER PIN | Ø2mm Ø2.5mm |

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# TIC

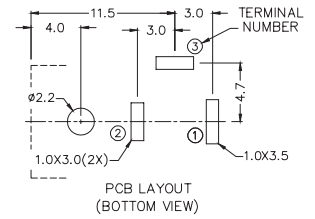## TDC-062

"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

DC SPECIAL MATE PLUG
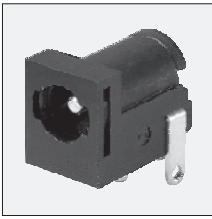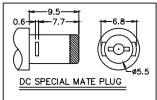
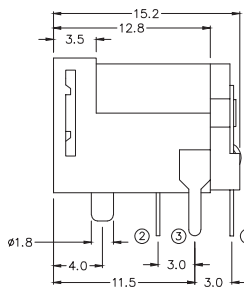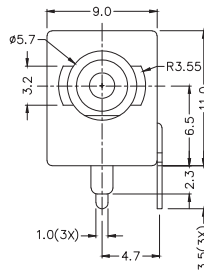| MODEL NO. | TDC-062 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | ø2mm |
| | ø2.5mm |

PCB LAYOUT
(BOTTOM VIEW)

TERMINAL NUMBER
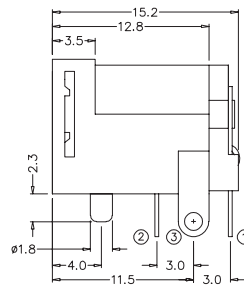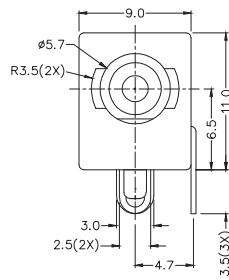
## TDC-062-3

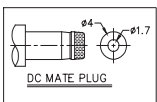"H" BEHIND THE MODEL NO .
FOR HIGH CURRENT USE .

DC SPECIAL MATE PLUG
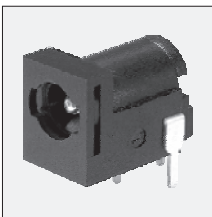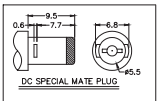
| MODEL NO. | TDC-062-3 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | ø2mm |
| | ø2.5mm |

PCB LAYOUT
(BOTTOM VIEW)

TERMINAL NUMBER

## TDC-066

DC MATE PLUG
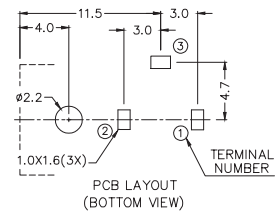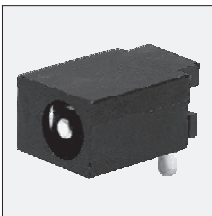
| MODEL NO. | TDC-066 |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | ø1.65mm |

PBC LAYOUT
(BOTTOM VIEW)

TERMINAL NUMBER

## TDC-069HS

SHIELD–A
SHIELD–B

DC MATE PLUG
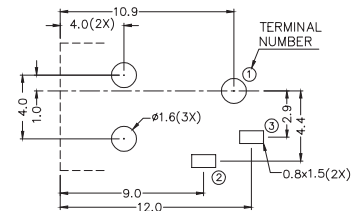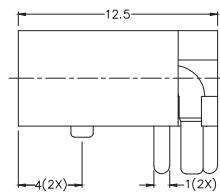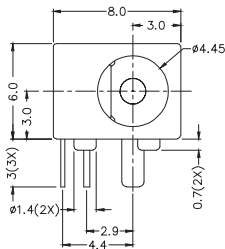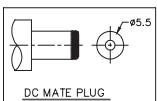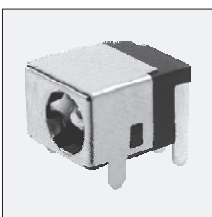
| MODEL NO. | TDC-069HS |
|---|---|
| SCHEMATIC | 1 3 2 |
| CENTER PIN | ø2mm |
| | ø2.5mm |

PCB LAYOUT
(BOTTOM VIEW)

TERMINAL NUMBER

# TIC
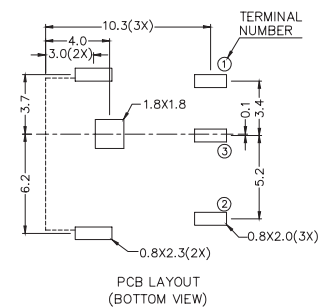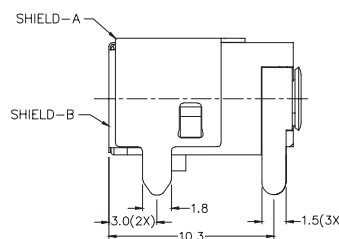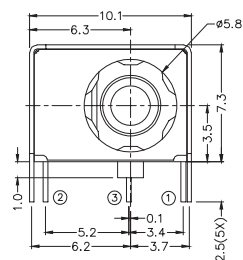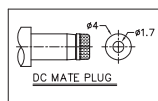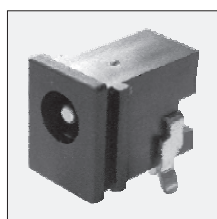
## TDC-071



| MODEL NO. | TDC-071 |
| --- | --- |
| SCHEMATIC | |
| CENTER PIN | ø1.65mm |

**DC MATE PLUG** ø4 ø1.7

ø4.40 +0.15 -0.1

ø1.3 +0.1 (2X)

PCB LAYOUT (BOTTOM VIEW)

TERMINAL NUMBER
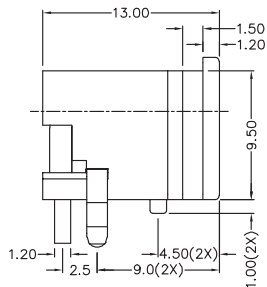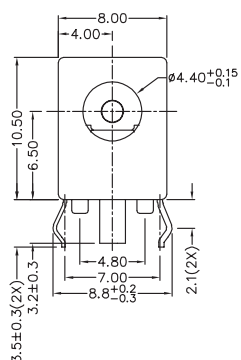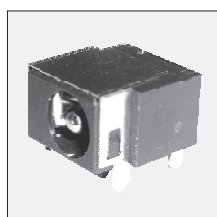
## TDC-074S



"H" BEHIND THE MODEL NO. FOR HIGH CURRENT USE.
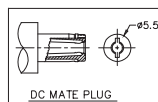
| MODEL NO. | TDC-074S |
| --- | --- |
| SCHEMATIC | |
| CENTER PIN | ø1.65mm |
| | ø2mm |
| | ø2.5mm |

**DC MATE PLUG** ø5.5

ø6.0

ø2.4 +0.1 -0

PCB LAYOUT (BOTTOM VIEW)

TERMINAL NUMBER
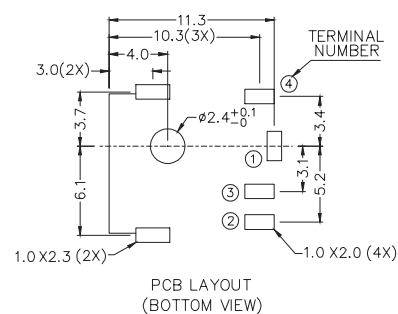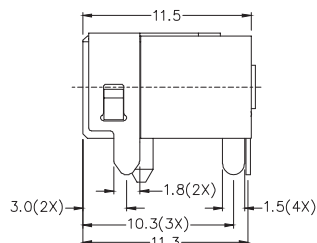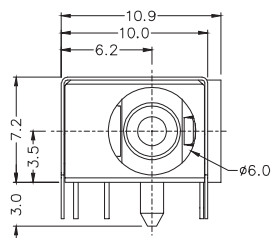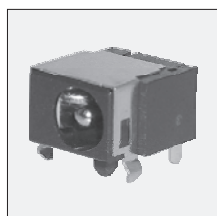
## TDC-074S2



"H" BEHIND THE MODEL NO. FOR HIGH CURRENT USE.
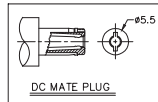
| MODEL NO. | TDC-074S2 |
| --- | --- |
| SCHEMATIC | |
| CENTER PIN | ø1.65mm |
| | ø2mm |
| | ø2.5mm |

**DC MATE PLUG** ø5.5

ø6.00

ø2.40 +0.1 -0

PCB LAYOUT (BOTTOM VIEW)

TERMINAL NUMBER
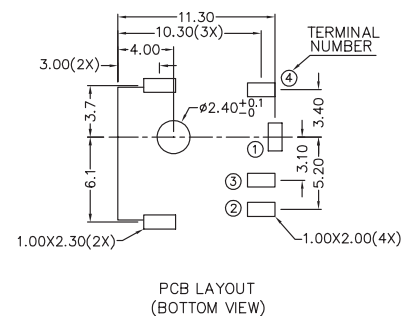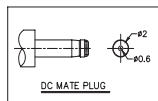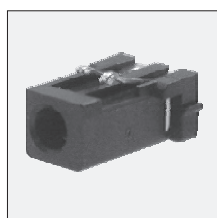
## TDC-075



| MODEL NO. | TDC-075 |
| --- | --- |
| SCHEMATIC | |
| CENTER PIN | ø0.5mm |

**DC MATE PLUG** ø2 ø0.6

ø2.1

CONTACT PADS

1.4 X1.0 (2X)

TERMINAL NUMBER

RECOMMENDED PCB LAYOUT

43

# TIC
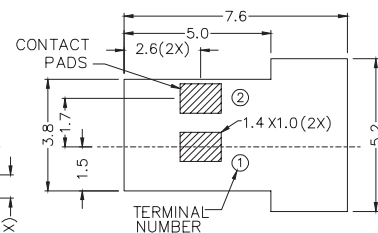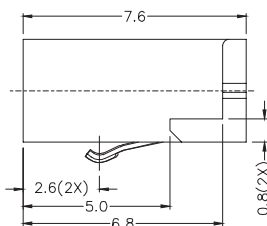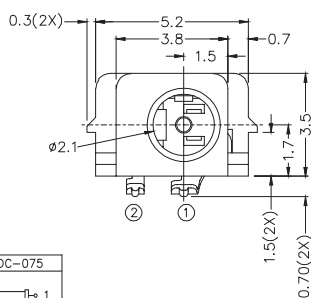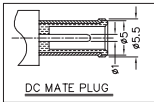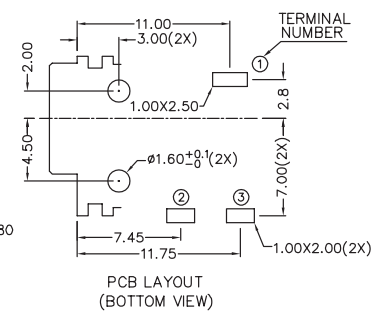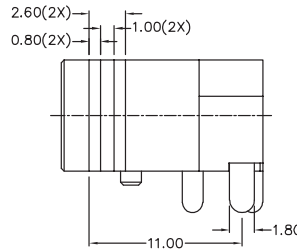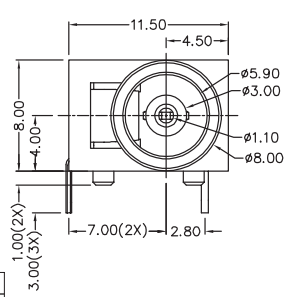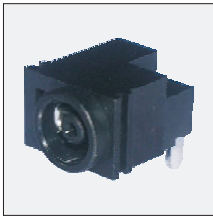
## TDC-076



| MODEL NO. | TDC-076 |
|-----------|---------|
| SCHEMATIC | |

DC MATE PLUG

Ø5.5
Ø1

1
3
2

11.50
4.50
Ø5.90
Ø3.00
Ø1.10
Ø8.00
8.00
4.00
1.00(2X)
3.00(3X)
7.00(2X)
2.80

2.60(2X)
0.80(2X)
1.00(2X)
11.00
1.80

2.00
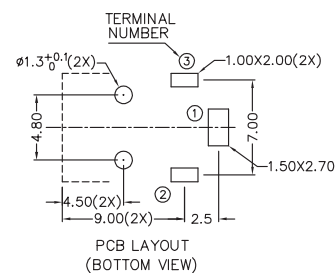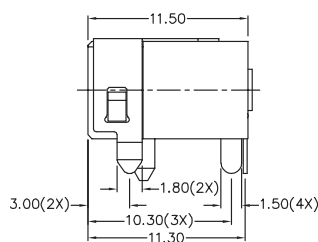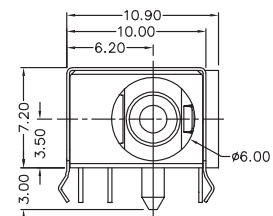3.00(2X)
11.00
TERMINAL NUMBER
1
1.00X2.50
4.50
Ø1.60±0.1 0(2X)
2.8
7.00(2X)
2
3
7.45
11.75
1.00X2.00(2X)

PCB LAYOUT
(BOTTOM VIEW)
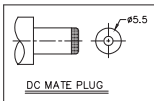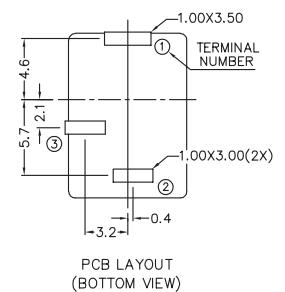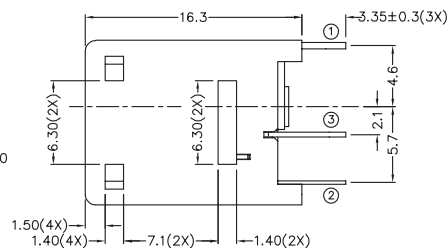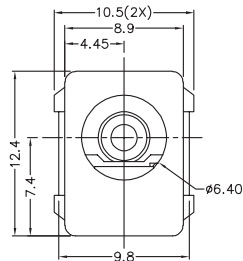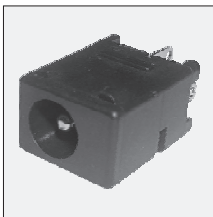
## TDC-077



| MODEL NO. | TDC-077 |
|-----------|---------|
| SCHEMATIC | |
| CENTER PIN | Ø2mm |
| | Ø2.5mm |

DC MATE PLUG

Ø5.5

1
3
2

10.5(2X)
8.9
4.45
12.4
7.4
Ø6.40
6.30(2X)
1.50(4X)
1.40(4X)
9.8

16.3
1
3.35±0.3(3X)
6.30(2X)
4.6
3
2.1
5.7
7.1(2X)
1.40(2X)
2

1.00X3.50
TERMINAL NUMBER
1
4.6
5.7
2.1
3
1.00X3.00(2X)
2
3.2
0.4

PCB LAYOUT
(BOTTOM VIEW)
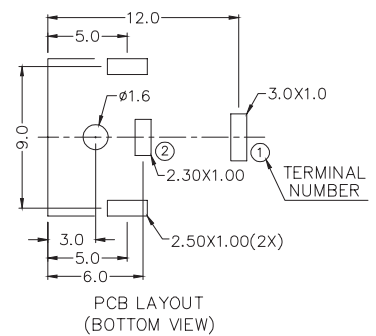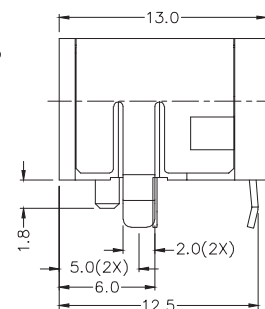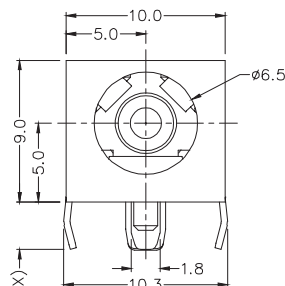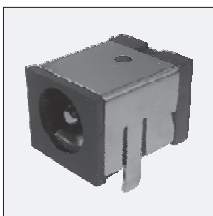
## TDC-078HS
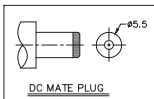


| LETTER BEHIND THE MODEL NO | "H" | FOR HIGH CURRENT USE |
|---|---|---|
| | "S" | FOR SHIELD USE |

| MODEL NO. | TDC-078HS |
|-----------|-----------|
| SCHEMATIC | |
| CENTER PIN | Ø2mm |
| | Ø2.5mm |

DC MATE PLUG

Ø5.5

1
2

10.0
5.0
Ø6.5
9.0
5.0
10.3
1.8
3.0(4X)

13.0
5.0(2X)
6.0
2.0(2X)
12.5
1.8

12.0
5.0
Ø1.6
3.0X1.0
9.0
2
1
2.30X1.00
TERMINAL NUMBER
3.0
5.0
6.0
2.50X1.00(2X)

PCB LAYOUT
(BOTTOM VIEW)
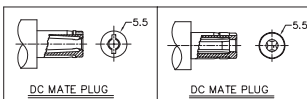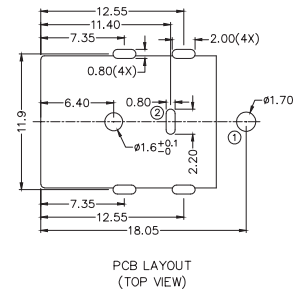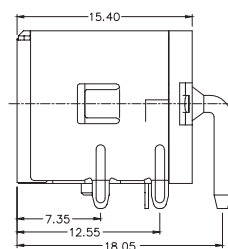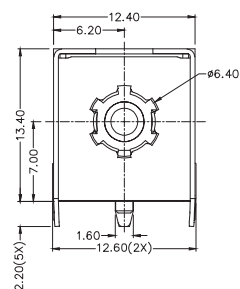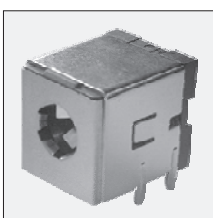
## TDC-079HS



| MODEL NO. | TDC-079HS |
|-----------|-----------|
| SCHEMATIC | |
| CENTER PIN | Ø2.5mm |

DC MATE PLUG        DC MATE PLUG

5.5        5.5

1
2

12.40
6.20
13.40
7.00
Ø6.40
1.60
12.60(2X)
2.20(5X)

15.40
7.35
12.55
18.05

12.55
11.40
7.35
2.00(4X)
0.80(4X)
11.9
6.40
0.80
Ø1.70
Ø1.6±0.1 0
2.20
1
7.35
12.55
18.05

PCB LAYOUT
(TOP VIEW)

## TDC-081HS



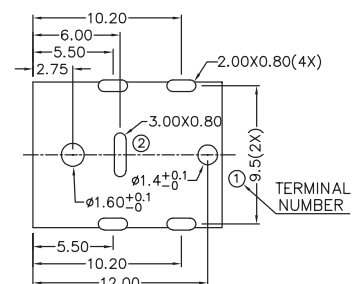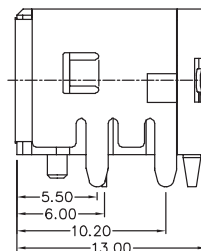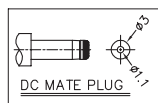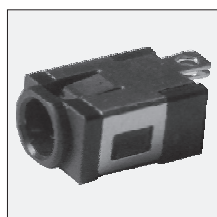| LETTER BEHIND THE MODEL NO | "H" | FOR HIGH CURRENT USE |
| | "S" | FOR SHIELD USE |

DC MATE PLUG  ø8.25
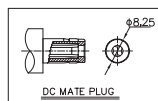
| MODEL NO. | TDC-081HS |
| SCHEMATIC | |
| CENTER PIN | ø2.5mm |

10.00
5.00
10.00
5.10
ø6.50
1.60
9.50
2.20(6X)

5.50
6.00
10.20
13.00

10.20
6.00
5.50
2.75
2.00X0.80(4X)
3.00X0.80
②
ø1.4 +0.1 -0
ø1.60 +0.1 -0
9.5(2X)
① TERMINAL NUMBER
5.50
10.20
12.00
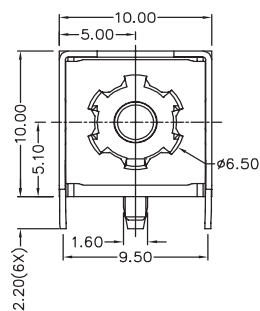
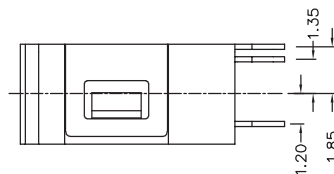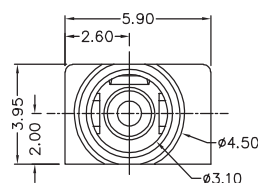PCB LAYOUT (TOP VIEW)

## TDC-082H



DC MATE PLUG  ø3  ø1.1

| MODEL NO. | TDC-082H |
| SCHEMATIC | |
| CENTER PIN | ø1mm |

5.90
2.60
3.95
2.00
ø4.50
ø3.10

1.35
1.20
1.85

8.70
0.75
2.00(3X)
2.00(3X)

## TDC-082-2



DC MATE PLUG  ③ ②  ø3  ø1.1
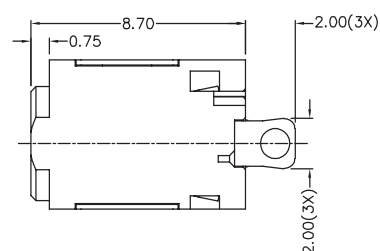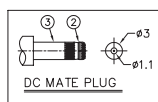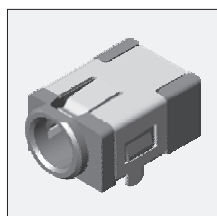
| MODEL NO. | TDC-082-2 |
| SCHEMATIC | |
| CENTER PIN | ø1mm |

5.90
2.60
ø4.50
ø3.10
3.95
2.00
0.6
1.7
2.50
3.20
0.9(4X)

8.70
0.75
3.45
1.00
7.95

7.95
3.45
1.10
2.50
0.60
③
①
1.50
②
1.7
③
3.20
1.70(2X)
3.45
7.95
0.60(4X)

PCB LAYOUT (TOP VIEW)