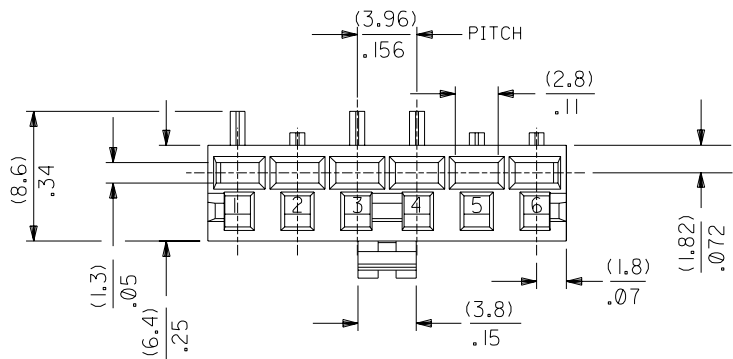
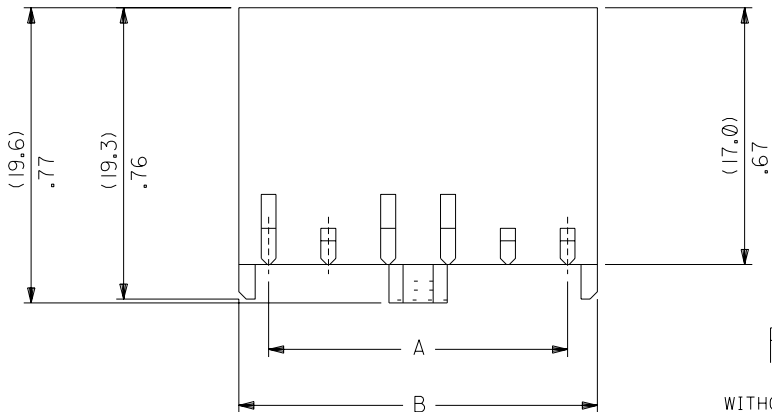


PART NO.  
SEE CHART

DWG. NO.  
SD-90331-001



#### NOTES :

1. HOUSING MATERIAL: SEE LEGEND. NYLON OPTIONS ARE FOR TAIWAN PRODUCTION ONLY.
2. FOR USE WITH 8993 SERIES TERMINAL.
3. KEY IS OPTIONAL. PLS SEE TABLE FOR P/N.
4. FOR ILLUSTRATION PURPOSE, 90331-004 IS SHOWN
5. PRODUCT SPECIFICATION: PS-90331

CHANGED PLATING CODES  
EC NO. E2004-0036  
DRWN: PSHEAHAN 03/07/14  
CHK:  
APPR:

DESCRIPTION  
REV

QUALITY SYMBOLS  
MAJOR  
CRITICAL

GENERAL TOLERANCES:  
(UNLESS SPECIFIED)  
mm INCH  
4 PLACES ±0. ±.005  
3 PLACES ±0. ±.010  
2 PLACES ±0.13 ±.  
1 PLACE ±0.25 ±.  
ANGULAR: ± 1/2 °  
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 3:1  
DESIGN UNITS  
THIRD ANGLE PROJECTION  
DRAWN BY & DATE  
CD 9/12/18  
CHECKED BY & DATE  
APPROVED BY & DATE  
CAD FILENAME  
S90331EX1.DGN

TITLE: HOUSING 3.96 PITCH  
CORING OPTION 1 FOR USE  
W/ 8993 TERMINAL  
MOLEX INCORPORATED  
MATERIAL NO.  
SEE CHART  
DRAWING NO.  
SD-90331-001  
SHEET NO.  
10F2  
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

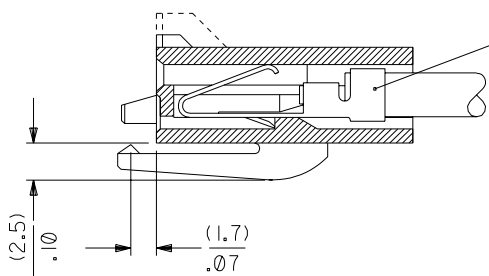
| PART NO.  | KEYING REQD. AT CIRCUIT POSITIONS |     |     |     |     |     | DIM. A     | DIM. B     | MIDDLE LOCKING PEG | CKT. SIZE |
|-----------|-----------------------------------|-----|-----|-----|-----|-----|------------|------------|--------------------|-----------|
|           | 1                                 | 2   | 3   | 4   | 5   | 6   |            |            |                    |           |
| 90331-001 | YES                               | YES | YES | YES | YES | YES | 19.81±0.13 | 23.67±0.13 | YES                | 6         |
| 90331-002 | YES                               | NO  | NO  | NO  | NO  | NO  | 19.81±0.13 | 23.67±0.13 | YES                | 6         |
| 90331-003 | NO                                | NO  | NO  | YES | NO  | NO  | 19.81±0.13 | 23.67±0.13 | YES                | 6         |
| 90331-004 | YES                               | NO  | YES | YES | NO  | NO  | 19.81±0.13 | 23.67±0.13 | YES                | 6         |
| 90331-005 | YES                               | YES | —   | —   | —   | —   | 3.96±0.10  | 7.82±0.10  | NO                 | 2         |
| 90331-006 | NO                                | NO  | NO  | NO  | NO  | NO  | 19.81±0.13 | 23.67±0.13 | NO                 | 6         |
| 90331-007 | NO                                | YES | NO  | NO  | NO  | NO  | 19.81±0.13 | 23.67±0.13 | YES                | 6         |
| 90331-008 | NO                                | NO  | YES | NO  | NO  | NO  | 19.81±0.13 | 23.67±0.13 | YES                | 6         |
| 90331-009 | NO                                | NO  | NO  | NO  | YES | NO  | 19.81±0.13 | 23.67±0.13 | YES                | 6         |
| 90331-010 | NO                                | NO  | NO  | NO  | NO  | YES | 19.81±0.13 | 23.67±0.13 | YES                | 6         |

#### LEGEND :

90331- \* \* 0 \*

COLOUR — 0=NATURAL  
I=BLACK (AVAILABLE IN NYLON ONLY)

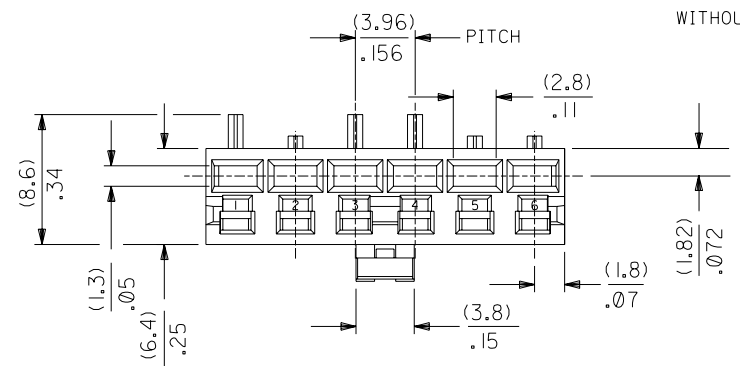
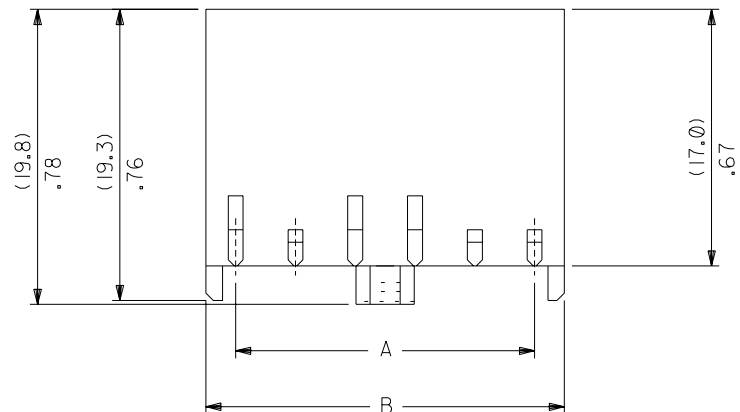
MATERIAL — 0=POLYESTER 94 V0-NATURAL(WHITE)  
I=NYLON 6/6 UL 94 V0-NATURAL(WHITE) OR BLACK  
4=NYLON 6/6 UL 94 V2-NATURAL OR BLACK



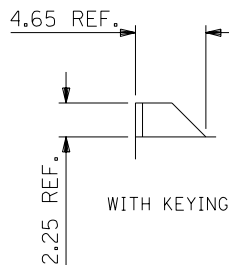
PART NO. 08-50-0277  
MATERIAL: PRE-TIN BRASS  
PLATING TO P902 CODE PER ES-88  
SPECIFICATION.

|           |          |
|-----------|----------|
| 2         | V        |
| 1         | V        |
| SHT       | REV      |
| REVISE ON | CAD ONLY |

PART NO.  
DWG. NO.  
SD-90331-001



WITHOUT KEYING



WITH KEYING

### LEGEND :

90331- \* \* 0 \*

COLOUR — 0=NATURAL  
1=BLACK (AVAILABLE IN NYLON ONLY)

MATERIAL — 0=POLYESTER 94 V0-NATURAL(WHITE)  
1=NYLON 6/6 UL 94 V0-NATURAL(WHITE) OR BLACK  
4=NYLON 6/6 UL 94 V2-NATURAL OR BLACK

PART NO. 08-50-0277  
MATERIAL: PRE-TIN BRASS  
PLATING TO P902 CODE PER ES-88  
SPECIFICATION.

### NOTES :

1. HOUSING MATERIAL: SEE LEGEND. NYLON OPTIONS ARE FOR TAIWAN PRODUCTION ONLY.
2. FOR USE WITH 8993 SERIES TERMINAL.
3. KEY IS OPTIONAL. PLS SEE TABLE FOR P/N.
4. FOR ILLUSTRATION PURPOSE, 90331-\*\*04 IS SHOWN
5. PRODUCT SPECIFICATION: PS-90331

|                                                                                                    |             |                                                                |                                                         |       |                                                                                                                                   |                                |                                                                                  |                              |                             |                     |
|----------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------|---------------------------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|------------------------------|-----------------------------|---------------------|
| CHANGED PLATING CODES<br>EC NO. E2004-0036<br>DRWN: PSHEAHAN 03/07/14<br>CHK: / / /<br>APPR: / / / | DESCRIPTION | QUALITY SYMBOLS<br><br>MAJOR<br>▽ = 0<br><br>CRITICAL<br>▽ = 0 | GENERAL TOLERANCES:<br>(UNLESS SPECIFIED)               |       | SCALE                                                                                                                             | DESIGN UNITS<br>☑ mm ☐ INCH    | THIRD ANGLE<br>PROJECTION<br>☉ ☐                                                 | ☑ mm<br>INCH<br>☐ mm<br>ONLY | REVISE ON<br>CAD ONLY       |                     |
|                                                                                                    |             |                                                                | 4 PLACES                                                | ±0.   | ±.                                                                                                                                | DRAWN BY & DATE<br>FM 94/02/21 | TITLE: HOUSING 3.96 PITCH<br>CORING OPTION 2, FOR USE<br>W/ 8993 SERIES TERMINAL |                              |                             |                     |
|                                                                                                    |             |                                                                | 3 PLACES                                                | ±0.   | ±.005                                                                                                                             | CHECKED BY & DATE              |                                                                                  |                              |                             |                     |
|                                                                                                    |             |                                                                | 2 PLACES                                                | ±0.13 | ±.010                                                                                                                             | APPROVED BY & DATE             |                                                                                  |                              |                             |                     |
|                                                                                                    |             |                                                                | 1 PLACE                                                 | ±0.25 | ±.                                                                                                                                | CAD FILENAME<br>S90331EX2.DGN  |                                                                                  | MATERIAL NO.<br>SEE CHART    | DRAWING NO.<br>SD-90331-001 | SHEET NO.<br>2 OF 2 |
| ✓                                                                                                  | REV         |                                                                | DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS |       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |                                |                                                                                  |                              |                             | SIZE<br>B           |