



Pin & Socket Header WR-PHD

01



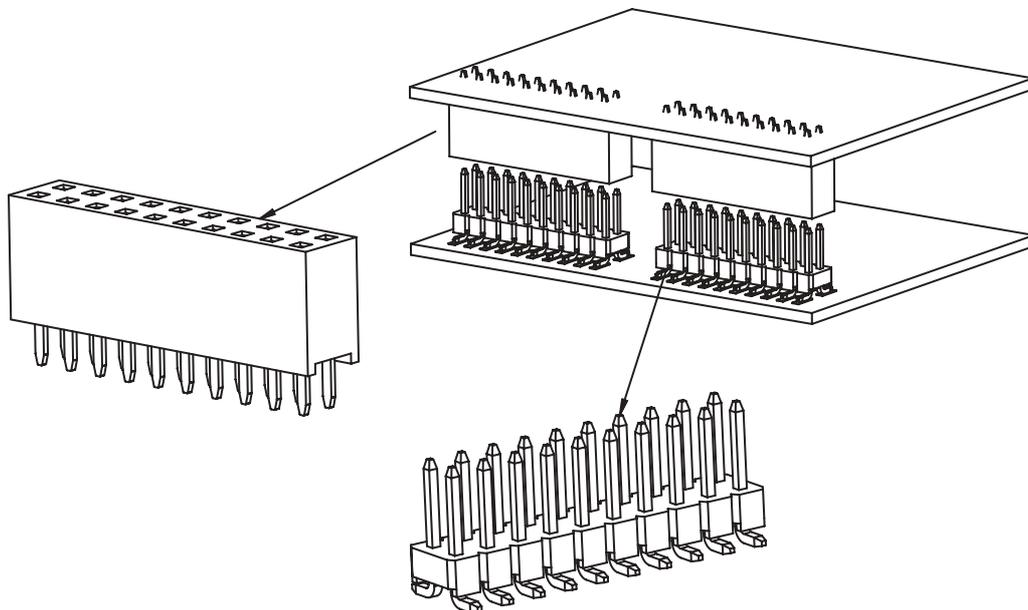
Pin & Socket Header WR-PHD

01

Although they are millions of pin & socket headers available on the market, Würth Elektronik differentiates itself from the others thanks to a selected range of products, available ex stock in many pin numbers.

Pin and Socket Headers are available in:

- 2,54/2,00 & 1,27mm pitch
- Top or bottom entry
- Straight or right angle types
- 1 row or 2 rows
- Different dimensions
- Through hole or SMT types
- Board stacker
- Jumper
- Different packaging



All our pin headers are designed to be divisible so they can be cut manually. This is valid only for pin header/male not for socket/female

Performance level 3
 Performance level 2 as per CECC 75 301-802
 Performance level 1 as per CECC 75 301-802

50 mating cycles, no gaz test
 250 mating cycles, 4 days 4 mixed gaz test - IEC 60 512
 500 mating cycles, 10 days 4 mixed gaz test - IEC 60 512



Pin & Socket Header WR-PHD

	2.54 mm Pin Header & Jumper	01-5 to 01-13	
NEW		2.54 mm Socket Header	01-14 to 01-28
		2.00 mm Pin Header & Jumper	01-29 to 01-32
NEW		2.00 mm Socket Header	01-33 to 01-36
		1.27 mm Pin Header & Jumper	01-37 to 01-40
		1.27 mm Socket Header	01-41 to 01-43

01



Pin & Socket Header WR-PHD

01

Pitch	Gender	Construction	Type	Rows	Order Code	Page
Pitch 2,54 mm	PIN HEADER	THT	Straight	Single	613 0xx 111 21	01-5
				Dual	613 0xx 211 21	01-6
			Right Angle	Single	613 0xx 110 21	01-7
				Dual	613 0xx 210 21	01-8
			Board Stacker	Single	613 0xx 112 21	01-9
				Dual	613 0xx 2xx 21	01-10
		SMT	Straight Type 1	Single	610 0xx 182 21	01-11
			Straight Type 2		610 0xx 183 21	
			Straight	Dual	610 0xx 211 21	01-12
	JUMPER				see page	01-13
	SOCKET HEADER	THT	Straight	Single	613 0xx 118 21	01-14 & 15
				Dual	613 0xx 218 21	01-16 & 17
			Right Angle	Single	613 0xx 143 21	01-18 & 19
				Dual	613 0xx 243 121	01-20 & 21
			Bottom Entry	Single	613 0xx 157 21	01-22
				Dual	613 0xx 257 21	01-23
		Bottom Entry Large	Dual	613 0xx 216 921	01-24	
			Dual	610 0xx 243 021	01-25	
SMT		Straight Type 1	Single	610 0xx 119 21	01-26 & 27	
		Straight Type 2		610 0xx 133 21		
		Straight	Dual	610 0xx 218 21	01-28	
Pitch 2,00 mm		PIN HEADER	THT	Straight	Single	620 0xx 111 21
	Dual				620 0xx 211 21	01-30
	SMT		Straight	Dual	621 0xx 219 21	01-31
	JUMPER				608 002 134 21	01-32
	SOCKET HEADER	THT	Straight	Single	620 0xx 118 21	01-33
				Dual	620 0xx 218 21	01-34
		SMT	Straight	Dual	621 0xx 242 921	01-35
Dual				621 0xx 218 21	01-36	
Pitch 1,27 mm	PIN HEADER	THT	Straight	Dual	622 0xx 211 21	01-37
		SMT	H = 3,80 mm	Dual	621 0xx 210 21	01-38
			H = 1,80 mm		623 3xx 235 521	01-39
	JUMPER				see page	01-40
	SOCKET HEADER	THT	Straight	Dual	622 0xx 218 21	01-41
		SMT	H = 4,50 mm	Dual	623 0xx 210 21	01-42
			Bottom Entry - H = 2,20 mm		623 3xx 235 321	01-43

NEW

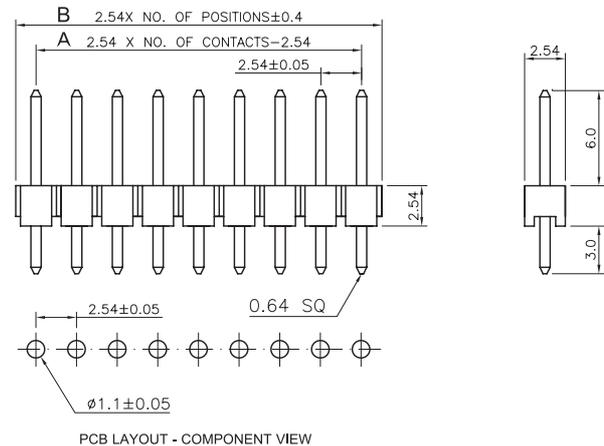
NEW

NEW

NEW



2.54mm Pin Header WR-PHD



MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

PACKAGING

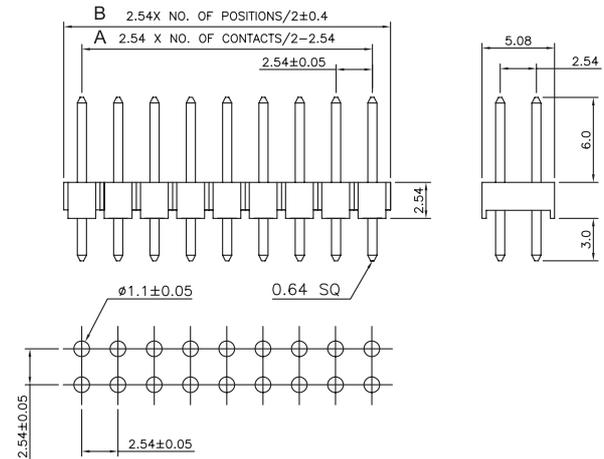
- Bag

Order Code	Pins	A (mm)	B (mm)
613 001 111 21	1	-	2.54
613 002 111 21	2	2.54	5.08
613 003 111 21	3	5.08	7.62
613 004 111 21	4	7.62	10.16
613 005 111 21	5	10.16	12.70
613 006 111 21	6	12.70	15.24
613 007 111 21	7	15.24	17.78
613 008 111 21	8	17.78	20.32
613 009 111 21	9	20.32	22.86
613 010 111 21	10	22.86	25.40
613 012 111 21	12	27.94	30.48
613 013 111 21	13	30.48	33.02
613 014 111 21	14	33.02	35.56
613 015 111 21	15	35.56	38.10
613 016 111 21	16	38.10	40.64
613 018 111 21	18	43.18	45.72
613 020 111 21	20	48.26	50.08
613 022 111 21	22	53.34	55.88
613 024 111 21	24	58.42	60.96
613 025 111 21	25	60.96	63.50
613 032 111 21	32	78.74	81.28
613 036 111 21	36	88.90	91.44
613 040 111 21	40	99.06	101.60



2.54mm Dual Pin Header WR-PHD

01



PCB LAYOUT - COMPONENT VIEW

MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

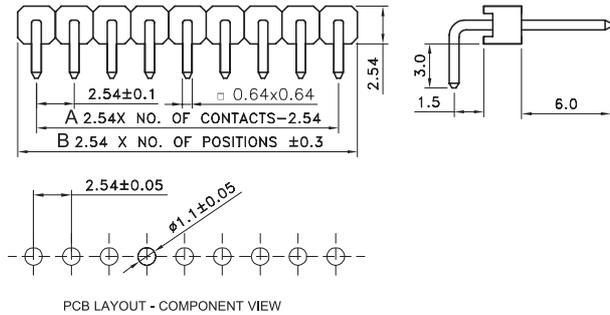
PACKAGING

- Bag

Order Code	Pins	A (mm)	B (mm)
613 004 211 21	4	2.54	5.08
613 006 211 21	6	5.08	7.62
613 008 211 21	8	7.62	10.16
613 010 211 21	10	10.16	12.70
613 012 211 21	12	12.70	15.24
613 014 211 21	14	15.24	17.78
613 016 211 21	16	17.78	20.32
613 018 211 21	18	20.32	22.86
613 020 211 21	20	22.86	25.40
613 022 211 21	22	25.40	27.94
613 024 211 21	24	27.94	30.48
613 026 211 21	26	30.48	33.02
613 028 211 21	28	33.02	35.56
613 030 211 21	30	35.56	38.10
613 032 211 21	32	38.10	40.64
613 034 211 21	34	40.64	43.18
613 036 211 21	36	43.18	45.72
613 040 211 21	40	48.26	50.80
613 044 211 21	44	53.34	55.88
613 064 211 21	64	78.74	81.28
613 072 211 21	72	88.90	91.44
613 080 211 21	80	99.06	101.60



2.54mm Angled Pin Header WR-PHD



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MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

PACKAGING

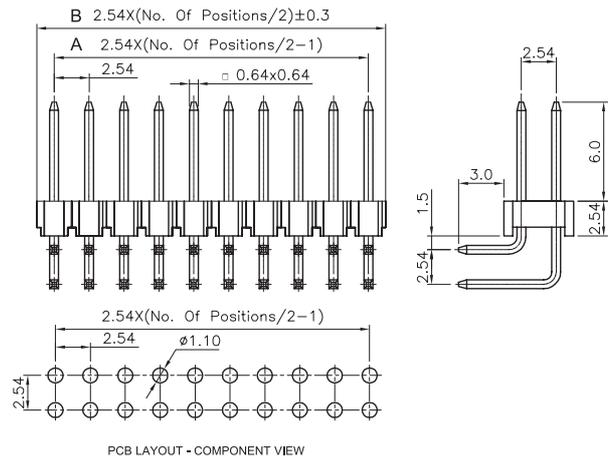
- Bag

Order Code	Pins	A (mm)	B (mm)
613 002 110 21	2	2.54	5.08
613 003 110 21	3	5.08	7.62
613 004 110 21	4	7.62	10.16
613 005 110 21	5	10.16	12.70
613 006 110 21	6	12.70	15.24
613 007 110 21	7	15.24	17.78
613 008 110 21	8	17.78	20.32
613 009 110 21	9	20.32	22.86
613 010 110 21	10	22.86	25.40
613 012 110 21	12	27.94	30.48
613 014 110 21	14	33.02	35.56
613 016 110 21	16	38.10	40.64
613 018 110 21	18	43.18	45.72
613 022 110 21	22	53.34	55.88
613 032 110 21	32	78.74	81.28
613 034 110 21	34	83.82	86.36
613 036 110 21	36	88.90	91.44
613 040 110 21	40	99.06	101.60



2.54mm Angled Dual Pin Header WR-PHD

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MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: $-40\text{ }^{\circ}\text{C}$ up to $125\text{ }^{\circ}\text{C}$
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: $>1000\text{ MOhm}$
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

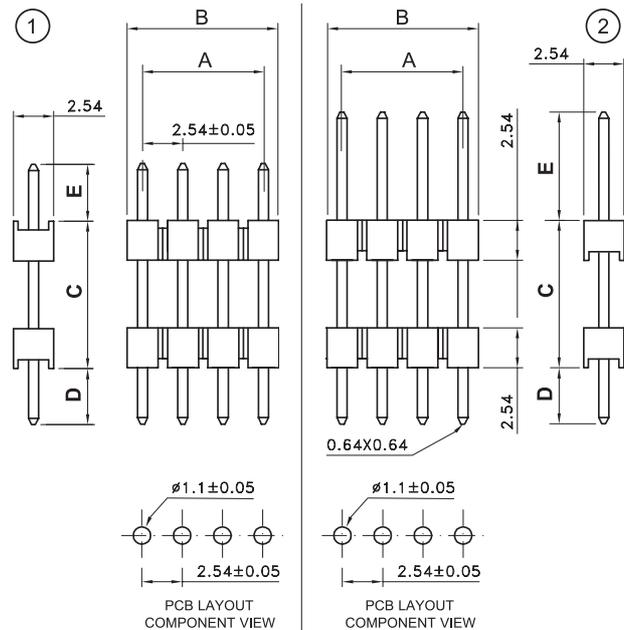
PACKAGING

- Bag

Order Code	Pins	A (mm)	B (mm)
613 004 210 21	4	2.54	5.08
613 006 210 21	6	5.08	7.62
613 008 210 21	8	7.62	10.16
613 010 210 21	10	10.16	12.70
613 012 210 21	12	12.70	15.24
613 014 210 21	14	15.24	17.78
613 016 210 21	16	17.78	20.32
613 020 210 21	20	22.86	25.40
613 024 210 21	24	27.94	30.48
613 032 210 21	32	38.10	40.64
613 034 210 21	34	40.64	43.18
613 036 210 21	36	43.18	45.72
613 040 210 21	40	48.26	50.80
613 064 210 21	64	78.74	81.28
613 072 210 21	72	88.90	91.44



2.54mm Board Stacker WR-PHD



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MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

PACKAGING

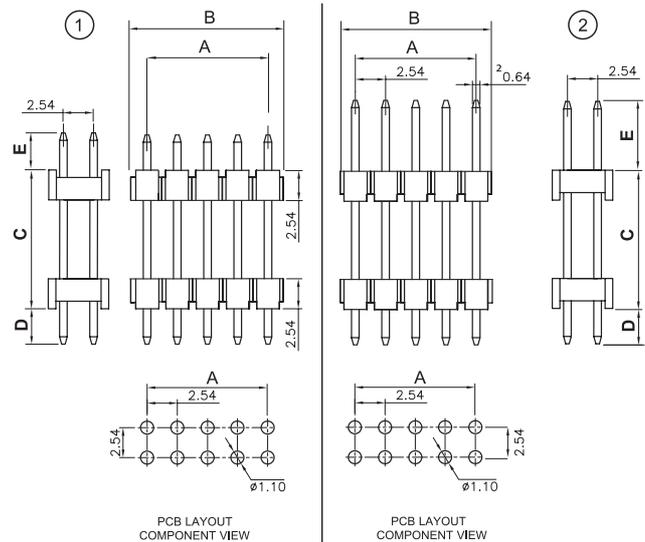
- Bag

Order Code	Pins	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Drawing
613 032 112 21	32	78.74	81.28	15.24	3.00	3.00	1
613 032 184 21	32	78.74	81.28	15.24	3.00	6.00	2
613 032 113 21	32	78.74	81.28	30.48	3.00	3.00	1
613 032 185 21	32	78.74	81.28	30.48	3.00	6.00	2



2.54mm Dual Board Stacker WR-PHD

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MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 Vac
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

PACKAGING

- Bag

Order Code	Pins	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Drawing
613 064 212 21	64	78.74	81.28	15.24	3.00	3.00	1
613 064 284 21	64	78.74	81.28	15.24	3.00	6.00	2
613 064 213 21	64	78.74	81.28	30.48	3.00	3.00	1
613 064 285 21	64	78.74	81.28	30.48	3.00	6.00	2

2.54mm SMT Pin Header WR-PHD

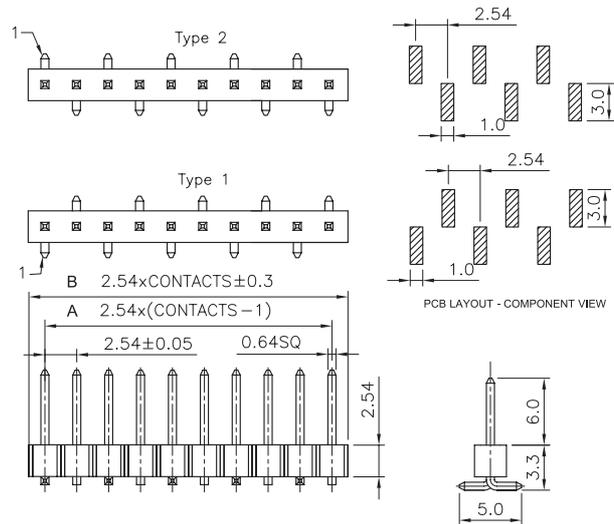


MATERIAL

- Insulator: PA 6T
- Flammability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS



ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free reflow soldering

PACKAGING

- Tube

Order Code	Pins	Type	A (mm)	B (mm)
610 004 182 21	4	1	7.62	10.16
610 006 182 21	6		12.70	15.24
610 010 182 21	10		22.86	25.40
610 014 182 21	14		33.02	35.56
610 016 182 21	16		38.10	40.64
610 024 182 21	24		58.42	60.96
610 032 182 21	32		78.74	81.28
610 004 183 21	4	2	7.62	10.16
610 006 183 21	6		12.70	15.24
610 010 183 21	10		22.86	25.40
610 014 183 21	14		33.02	35.56
610 016 183 21	16		38.10	40.64
610 024 183 21	24		58.42	60.96
610 032 183 21	32		78.74	81.28
610 034 183 21	34		83.82	86.36
610 036 183 21	36		88.90	91.44

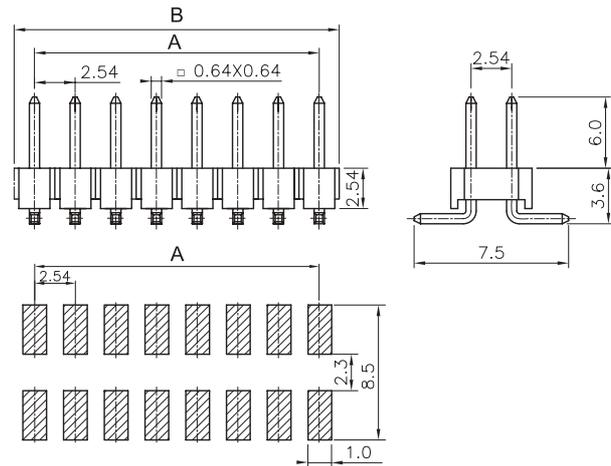


2.54mm Dual SMT Pin Header WR-PHD

01



HIGH TEMPERATURE



PCB LAYOUT - COMPONENT VIEW



CHARACTERISTICS

MATERIAL

- Insulator: PA 6T
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free reflow soldering

ENVIRONMENTAL

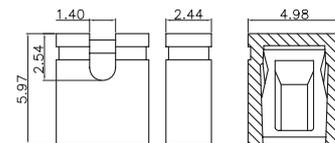
- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

PACKAGING

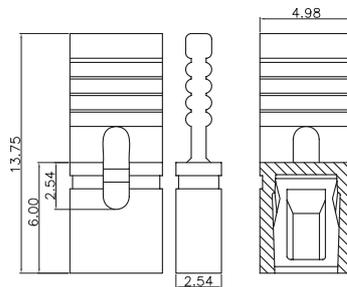
- Tube

Order Code	Pins	A (mm)	B (mm)
610 004 211 21	4	2.54	5.08
610 006 211 21	6	5.08	7.62
610 008 211 21	8	7.62	10.16
610 010 211 21	10	10.16	12.70
610 012 211 21	12	12.70	15.24
610 014 211 21	14	15.24	17.78
610 016 211 21	16	17.78	20.32
610 018 211 21	18	20.32	22.86
610 020 211 21	20	22.86	25.40
610 022 211 21	22	25.40	27.94
610 024 211 21	24	27.94	30.48
610 026 211 21	26	30.48	33.02
610 030 211 21	30	35.56	38.10
610 032 211 21	32	38.10	40.64
610 034 211 21	34	40.64	43.18
610 036 211 21	36	43.18	45.72
610 064 211 21	64	78.74	81.28
610 072 211 21	72	88.90	91.44

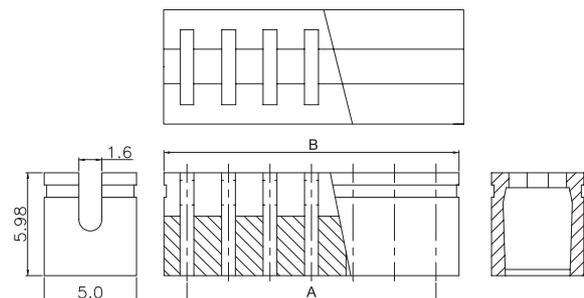
2.54mm Jumper with Test Point WR-PHD



1



2



3



MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

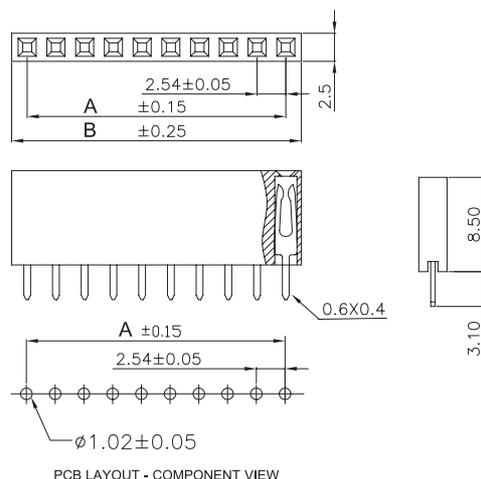
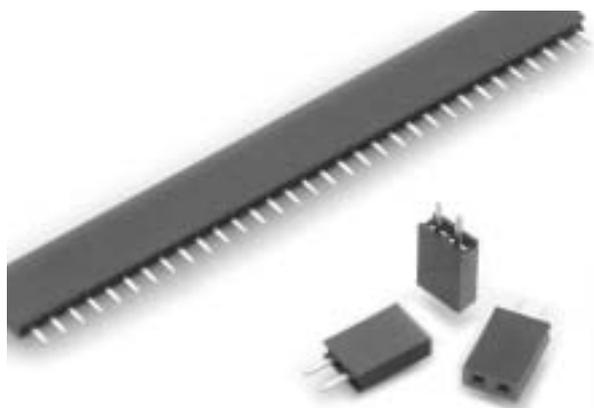
PACKAGING

- Bag

Order Code	Drawing	Pins	Description
609 002 134 21	1	1 x 2	Black
609 002 135 21	1	1 x 2	Red
609 002 136 21	1	1 x 2	Blue
609 002 115 121	2	1 x 2	Black with pullback
609 102 134 21	3	2 x 2	Black
609 103 134 21	3	3 x 2	Black
609 104 134 21	3	4 x 2	Black
609 106 134 21	3	6 x 2	Black
609 108 134 21	3	8 x 2	Black

2.54mm Socket Header WR-PHD

01



MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: $>1000\text{ MOhm}$
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

PACKAGING

- Tray



2.54mm Socket Header WR-PHD

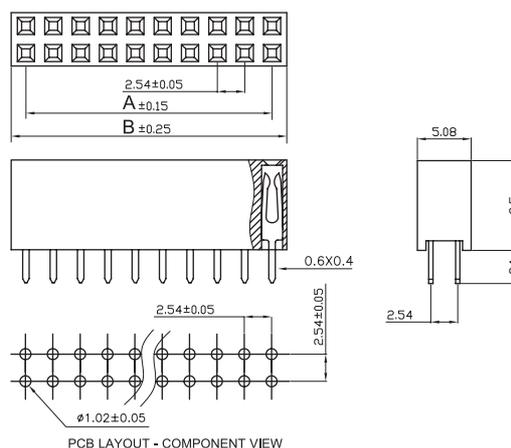
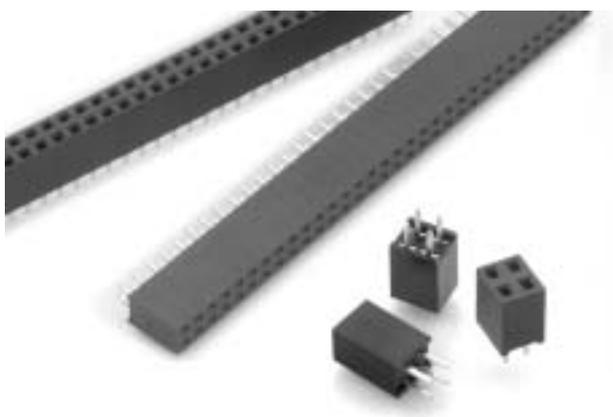
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Order Code	Pins	A (mm)	B (mm)
613 002 118 21	2	2.54	5.58
613 003 118 21	3	5.08	8.12
613 004 118 21	4	7.62	10.66
613 005 118 21	5	10.16	13.20
613 006 118 21	6	12.70	15.74
613 007 118 21	7	15.24	18.28
613 008 118 21	8	17.78	20.82
613 009 118 21	9	20.32	23.36
613 010 118 21	10	22.86	25.90
613 011 118 21	11	25.10	28.44
613 012 118 21	12	27.94	30.98
613 014 118 21	13	30.48	33.02
613 014 118 21	14	33.02	36.06
613 015 118 21	15	35.56	38.10
613 016 118 21	16	38.10	41.14
613 018 118 21	18	43.18	43.68
613 020 118 21	20	48.26	51.30
613 022 118 21	22	53.34	56.38
613 024 118 21	24	58.42	58.92
613 025 118 21	25	60.96	64.00
613 032 118 21	32	78.74	81.78
613 036 118 21	36	88.90	91.94
613 040 118 21	40	99.06	102.1



2.54mm Dual Socket Header WR-PHD

01



MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: $-40\text{ }^{\circ}\text{C}$ up to $125\text{ }^{\circ}\text{C}$
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: $>1000\text{ MOhm}$
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

PACKAGING

- Tray



2.54mm Dual Socket Header WR-PHD

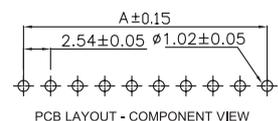
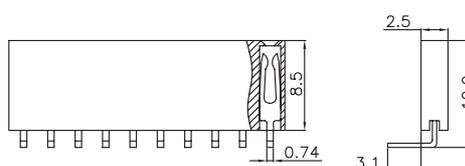
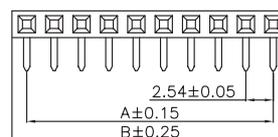
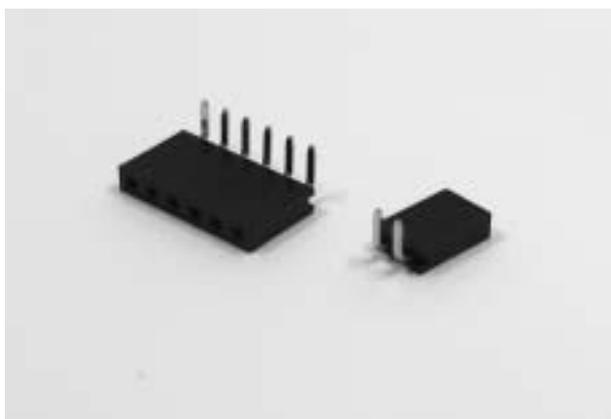
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Order Code	Pins	A (mm)	B (mm)
613 004 218 21	4	2.54	5.58
613 006 218 21	6	5.08	8.12
613 008 218 21	8	7.62	10.66
613 010 218 21	10	10.16	13.20
613 012 218 21	12	12.70	15.74
613 014 218 21	14	15.24	18.28
613 016 218 21	16	17.78	20.82
613 018 218 21	18	20.32	23.36
613 020 218 21	20	22.86	25.90
613 022 218 21	22	25.40	28.44
613 024 218 21	24	27.94	30.98
613 026 218 21	26	30.48	33.52
613 028 218 21	28	33.02	36.06
613 030 218 21	30	35.56	38.60
613 032 218 21	32	38.10	41.14
613 034 218 21	34	40.64	43.68
613 036 218 21	36	43.18	46.22
613 040 218 21	40	48.26	51.30
613 044 218 21	44	53.34	56.38
613 064 218 21	64	78.74	81.78
613 072 218 21	72	88.90	91.94

NEW

2.54mm Angled Socket Header WR-PHD

01



MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

PACKAGING

- Tray



2.54mm Angled Socket Header WR-PHD

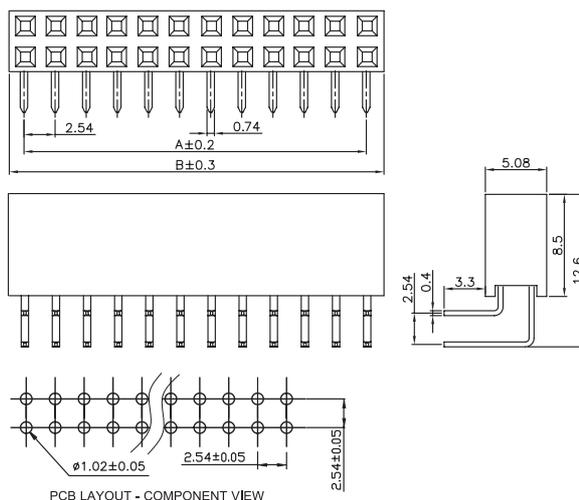
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Order Code	Pins	A (mm)	B (mm)
613 002 143 121	2	2.54	5.58
613 003 143 121	3	5.08	8.12
613 004 143 121	4	7.62	10.66
613 005 143 121	5	10.16	13.20
613 006 143 121	6	12.70	15.74
613 007 143 121	7	15.24	18.28
613 008 143 121	8	17.78	20.82
613 009 143 121	9	20.32	23.36
613 010 143 121	10	22.86	25.90
613 011 143 121	11	25.10	28.44
613 012 143 121	12	27.94	30.98
613 013 143 121	13	30.48	33.02
613 014 143 121	14	33.02	36.06
613 015 143 121	15	35.56	38.10
613 016 143 121	16	38.10	41.14
613 018 143 121	18	43.18	43.68
613 020 143 121	20	48.26	51.30
613 022 143 121	22	53.34	56.38
613 024 143 121	24	58.42	58.92
613 025 143 121	25	60.96	64.00
613 032 143 121	32	78.74	81.78
613 036 143 121	36	88.90	91.94
613 040 143 121	40	99.06	102.1

NEW

2.54mm Angled Dual Socket Header WR-PHD

01



MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

PACKAGING

- Tray



2.54mm Angled Dual Socket Header WR-PHD

01

Order Code	Pins	A (mm)	B (mm)
613 004 243 121	4	2.54	5.58
613 006 243 121	6	5.08	8.12
613 008 243 121	8	7.62	10.66
613 010 243 121	10	10.16	13.20
613 012 243 121	12	12.70	15.74
613 014 243 121	14	15.24	18.28
613 016 243 121	16	17.78	20.82
613 018 243 121	18	20.32	23.36
613 020 243 121	20	22.86	25.90
613 022 243 121	22	25.40	28.44
613 024 243 121	24	27.94	30.98
613 026 243 121	26	30.48	33.52
613 028 243 121	28	33.02	36.06
613 030 243 121	30	35.56	38.60
613 032 243 121	32	38.10	41.14
613 034 243 121	34	40.64	43.68
613 036 243 121	36	43.18	46.22
613 040 243 121	40	48.26	51.30
613 044 243 121	44	53.34	56.38
613 064 243 121	64	78.74	81.78
613 072 243 121	72	88.90	91.94

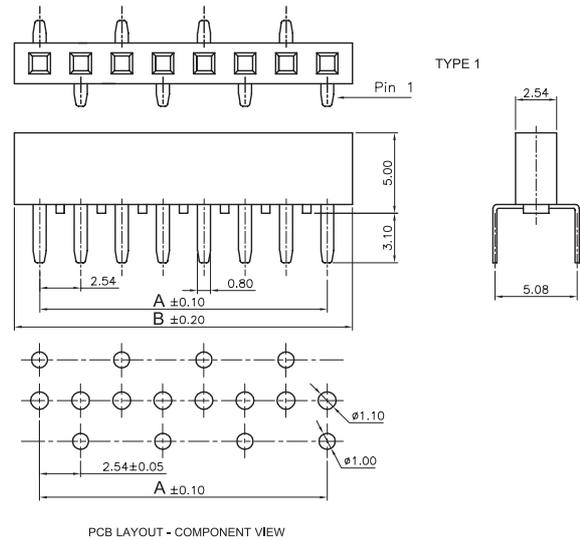


2.54mm Socket Header Bottom Entry WR-PHD

01



HIGH TEMPERATURE



PCB LAYOUT - COMPONENT VIEW



MATERIAL

- Insulator: PA 46
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave & reflow soldering

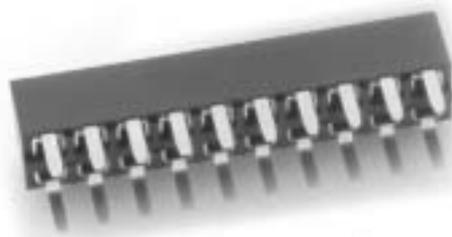
PACKAGING

- Tray

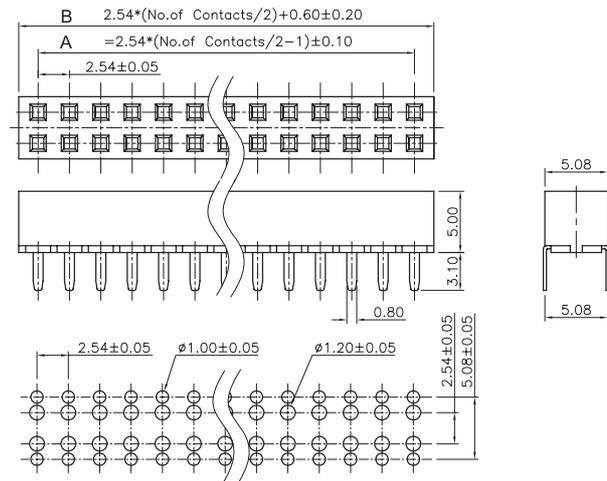
Order Code	Pins	Type	A (mm)	B (mm)
613 004 157 21	4	1	7.62	10.76
613 005 157 21	5		10.16	13.30
613 006 157 21	6		12.70	15.84
613 008 157 21	8		17.78	20.32
613 010 157 21	10		22.86	26.00
613 014 157 21	14		33.02	36.16
613 020 157 21	20		48.26	51.40



2.54mm Dual Socket Header Bottom Entry WR-PHD



HIGH TEMPERATURE



PCB LAYOUT - COMPONENT VIEW



MATERIAL

- Insulator: PA 46
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave & reflow soldering

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

PACKAGING

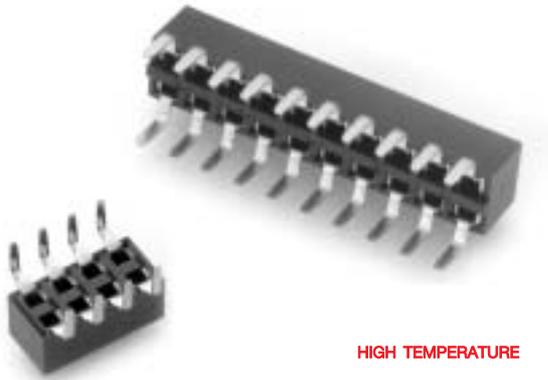
- Tray

Order Code	Pins	A (mm)	B (mm)
613 004 257 21	4	2.54	5.68
613 006 257 21	6	5.08	8.22
613 008 257 21	8	7.62	10.76
613 010 257 21	10	10.16	13.30
613 012 257 21	12	12.70	15.84
613 018 257 21	18	20.32	23.46
613 020 257 21	20	22.86	26.00
613 024 257 21	24	27.94	31.08
613 026 257 21	26	30.48	33.62
613 030 257 21	30	35.56	37.50
613 032 257 21	32	38.10	40.04
613 034 257 21	34	40.64	42.58
613 036 257 21	36	43.18	45.12



2.54mm Dual Socket Header Bottom Entry Large WR-PHD

01



HIGH TEMPERATURE

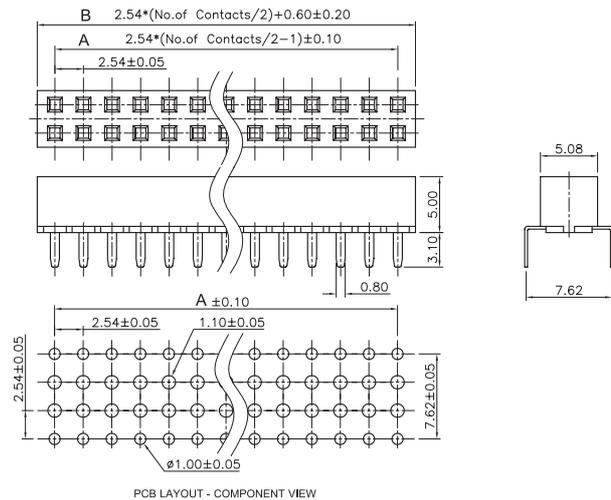


MATERIAL

- Insulator: PA 46
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS



ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 Vac
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave & reflow soldering

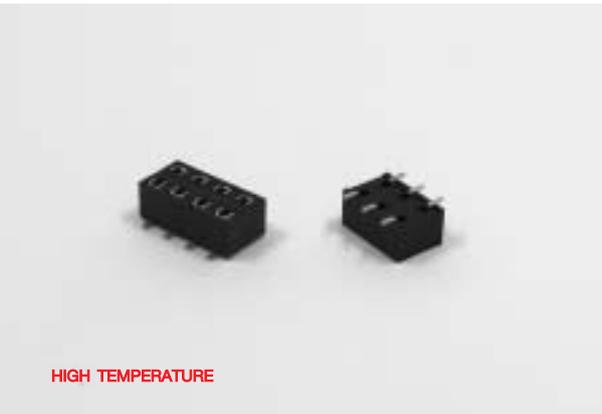
PACKAGING

- Tray

Order Code	Pins	A (mm)	B (mm)
613 004 216 921	4	2.54	5.68
613 006 216 921	6	5.08	8.22
613 008 216 921	8	7.62	10.76
613 010 216 921	10	10.16	13.30
613 012 216 921	12	12.70	15.84
613 016 216 921	16	17.78	20.92
613 018 216 921	18	20.32	23.46
613 020 216 921	20	22.86	26.00
613 022 216 921	22	25.40	28.54
613 024 216 921	24	27.94	31.08
613 026 216 921	26	30.48	33.62
613 028 216 921	28	33.02	36.16
613 030 216 921	30	35.60	38.70
613 032 216 921	32	38.10	41.24
613 034 216 921	34	40.64	43.78
613 036 216 921	36	43.18	46.32

NEW

2.54mm SMT Dual Socket Header Bottom Entry WR-PHD

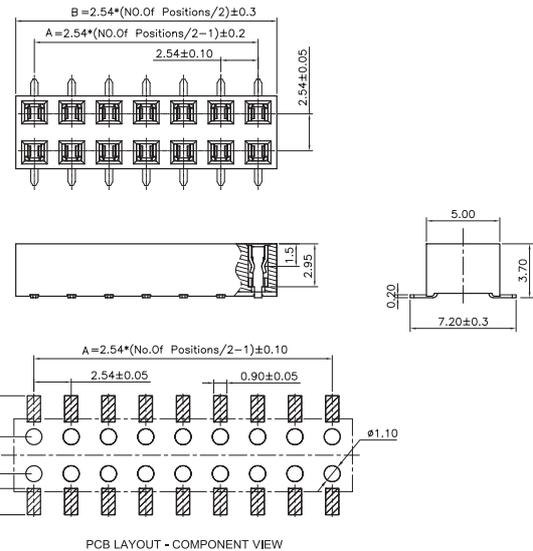


MATERIAL

- Insulator: PA 6T
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS



ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free reflow soldering

PACKAGING

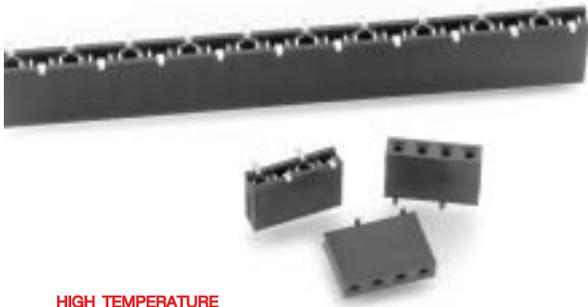
- Tray

Order Code	Pins	A (mm)	B (mm)
610 004 243 021	4	2.54	5.08
610 006 243 021	6	5.08	7.62
610 008 243 021	8	7.62	10.16
610 010 243 021	10	10.16	12.70
610 012 243 021	12	12.70	15.24
610 016 243 021	16	17.78	20.32
610 018 243 021	18	20.32	22.86
610 020 243 021	20	22.86	25.40
610 022 243 021	22	27.94	30.48
610 024 243 021	24	27.94	30.48
610 026 243 021	26	30.48	33.62
610 028 243 021	28	33.02	36.16
610 030 243 021	30	35.60	38.70
610 032 243 021	32	38.10	41.24
610 034 243 021	34	40.64	43.78
610 036 243 021	36	43.18	46.32

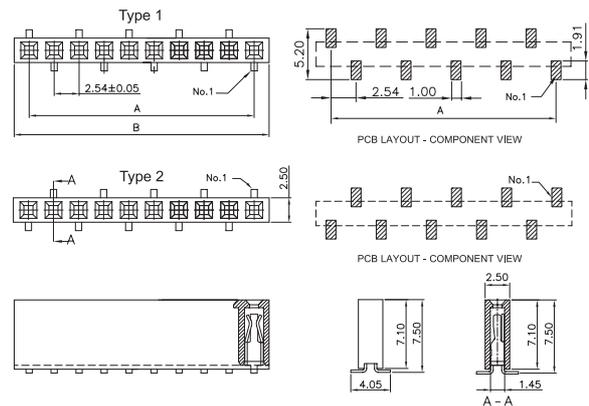


2.54mm SMT Socket Header WR-PHD

01



HIGH TEMPERATURE



MATERIAL

- Insulator: PA 46
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 3 A
- Working voltage: 250 VAC
- Insulation resistance: $>1000\text{ MOhm}$
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free reflow soldering

PACKAGING

- Tray



2.54mm SMT Socket Header WR-PHD

01

Order Code	Pins	Type	A (mm)	B (mm)
610 004 119 21	4	1	7.62	10.16
610 005 119 21	5		10.16	12.70
610 006 119 21	6		12.70	15.24
610 008 119 21	8		17.78	20.32
610 010 119 21	10		22.86	25.40
610 012 119 21	12		27.94	30.48
610 014 119 21	14		33.02	35.56
610 016 119 21	16		38.10	40.64
610 020 119 21	20		48.26	50.80
610 024 119 21	24		58.42	60.96
610 004 133 21	4	2	7.62	10.16
610 005 133 21	5		10.16	12.70
610 006 133 21	6		12.70	15.24
610 008 133 21	8		17.78	20.32
610 010 133 21	10		22.86	25.40
610 012 133 21	12		27.94	30.48
610 014 133 21	14		33.02	35.56
610 016 133 21	16		38.10	40.64
610 020 133 21	20		48.26	50.80
610 024 133 21	24		58.42	60.96



2.54mm Dual SMT Socket Header WR-PHD

01



HIGH TEMPERATURE



MATERIAL

- Insulator: PA 46
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.54 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

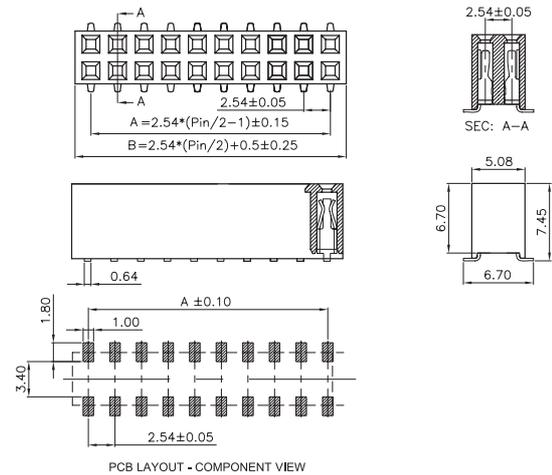
- Current rating: 3 A
- Working voltage: 250 Vac
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free reflow soldering

PACKAGING

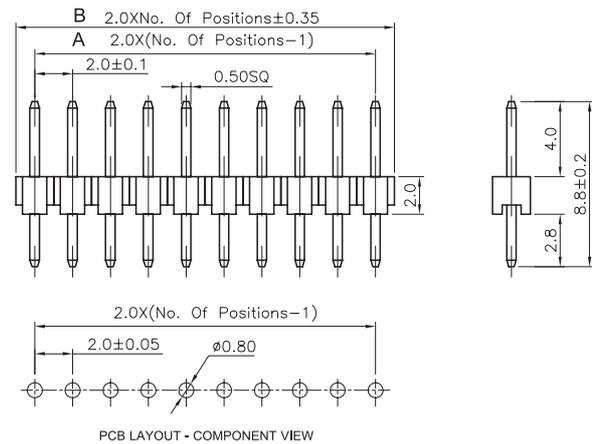
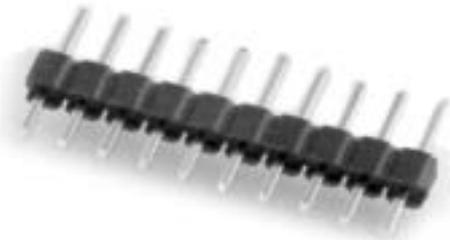
- Tray



Order Code	Pins	A (mm)	B (mm)
610 004 218 21	4	2.54	5.58
610 006 218 21	6	5.08	8.12
610 008 218 21	8	7.62	10.66
610 010 218 21	10	10.16	13.20
610 012 218 21	12	12.70	15.74
610 014 218 21	14	15.24	18.28
610 016 218 21	16	17.78	20.82
610 018 218 21	18	20.32	23.36
610 020 218 21	20	22.86	25.90
610 022 218 21	22	25.40	28.55
610 024 218 21	24	27.94	30.98
610 026 218 21	26	30.48	33.52
610 028 218 21	28	33.02	36.06
610 030 218 21	30	35.56	38.60
610 032 218 21	32	38.10	41.14
610 030 218 21	34	40.64	43.68
610 030 218 21	36	43.18	46.22
610 040 218 21	40	48.26	51.30



2.00mm Pin Header WR-PHD



01



MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.00 mm

ENVIRONMENTAL

- Operating temperature: $-40 \text{ }^\circ\text{C}$ up to $125 \text{ }^\circ\text{C}$
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 2 A max
- Working voltage: 250 VAC
- Insulation resistance: $>1000 \text{ MOhm}$
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

PACKAGING

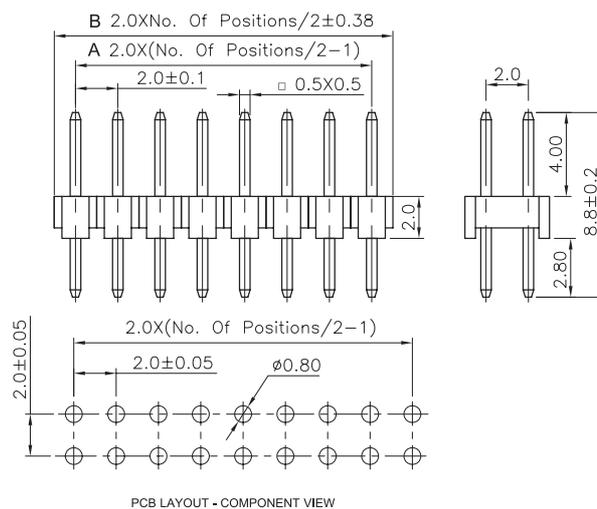
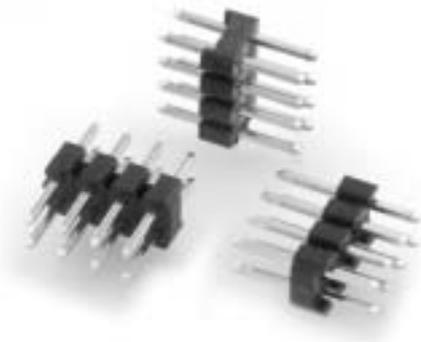
- Bag

Order Code	Pins	A (mm)	B (mm)
620 002 111 21	2	2	4
620 004 111 21	4	6	8
620 006 111 21	6	10	12
620 008 111 21	8	14	16
620 010 111 21	10	18	20
620 020 111 21	20	38	40
620 032 111 21	32	62	64



2.00mm Dual Pin Header WR-PHD

01



MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.00 mm

ENVIRONMENTAL

- Operating temperature: $-40\text{ }^{\circ}\text{C}$ up to $125\text{ }^{\circ}\text{C}$
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 2 A max
- Working voltage: 250 Vac
- Insulation resistance: $>1000\text{ MOhm}$
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

PACKAGING

- Bag

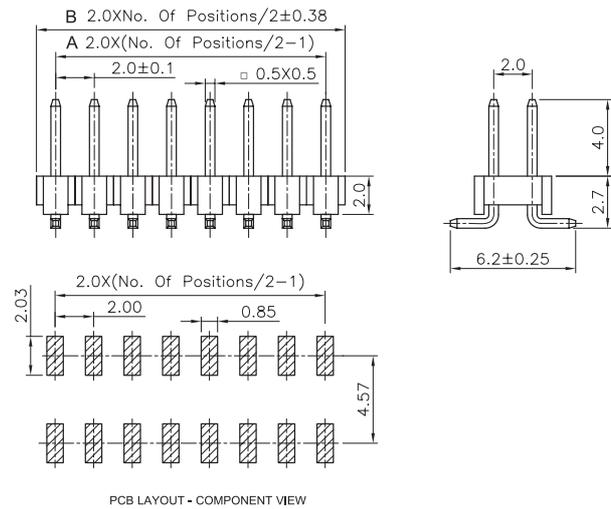
Order Code	Pins	A (mm)	B (mm)
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620 006 211 21	6	4	6
620 008 211 21	8	6	8
620 010 211 21	10	8	10
620 016 211 21	16	14	16
620 020 211 21	20	18	20
620 024 211 21	24	26	24
620 032 211 21	32	30	32
620 040 211 21	40	38	40
620 044 211 21	44	42	44



2.00mm Dual SMT Pin Header WR-PHD



HIGH TEMPERATURE



MATERIAL

- Insulator: PA 46
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.00 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 2 A max
- Working voltage: 250 Vac
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free reflow soldering

PACKAGING

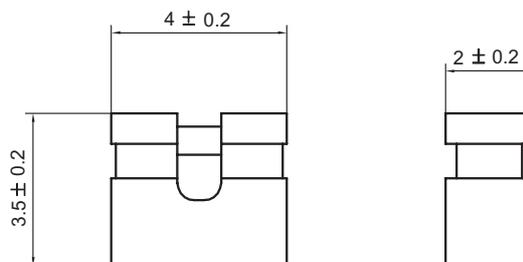
- Tube

Order Code	Pins	A (mm)	B (mm)
621 004 219 21	4	2	4
621 006 219 21	6	4	6
621 008 219 21	8	6	8
621 010 219 21	10	8	10
621 014 219 21	14	12	14
621 016 219 21	16	14	16
621 020 219 21	20	18	20
621 024 219 21	24	26	24
621 032 219 21	32	30	32
621 044 219 21	44	42	44



2.00mm Jumper with Test Point WR-PHD

01



MATERIAL

- Insulator:
- Flamability rating
- Colour:
- Contact material:
- Contact type:
- Contact plating:
- Quality class:
- Pitch:

PBT
 UL94-V0
 Black
 Copper alloy
 Stamped
 Gold
 3 as per IEC 60 603-13
 2.00 mm

ENVIRONMENTAL

- Operating temperature:
- Compliance:

-40 °C up to 125 °C
 Lead free and RoHS

ELECTRICAL

- Current rating:
- Working voltage:
- Insulation resistance:
- Dielectric withstanding voltage:
- Contact resistance:

2 A max
 250 VAC
 >1000 MOhm
 500 Vac/mn
 20 mOhm max

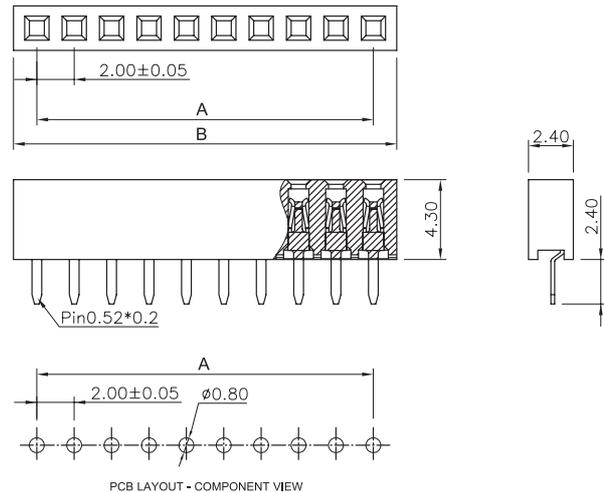
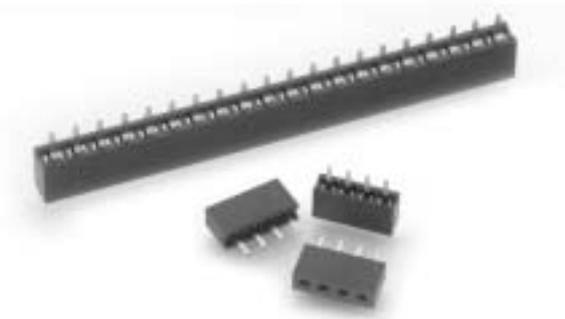
PACKAGING

- Bag

Order Code	Pins	Description
608 002 134 21	-	Black



2.00mm Socket Header WR-PHD



01



MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.00 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 2 A max
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

PACKAGING

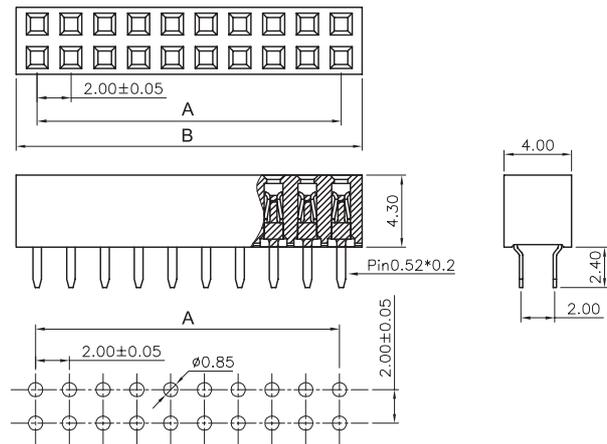
- Tray

Order Code	Pins	A (mm)	B (mm)
620 002 118 21	2	2.00	4.50
620 004 118 21	4	6.00	8.50
620 006 118 21	6	10.00	12.50
620 008 118 21	8	14.00	16.50
620 010 118 21	10	18.00	20.50
620 020 118 21	20	38.00	40.50
621 032 219 21	32	62.00	64.50



2.00mm Dual Socket Header WR-PHD

01



PCB LAYOUT - COMPONENT VIEW



MATERIAL

- Insulator: PBT
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.00 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 2 A max
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free wave soldering

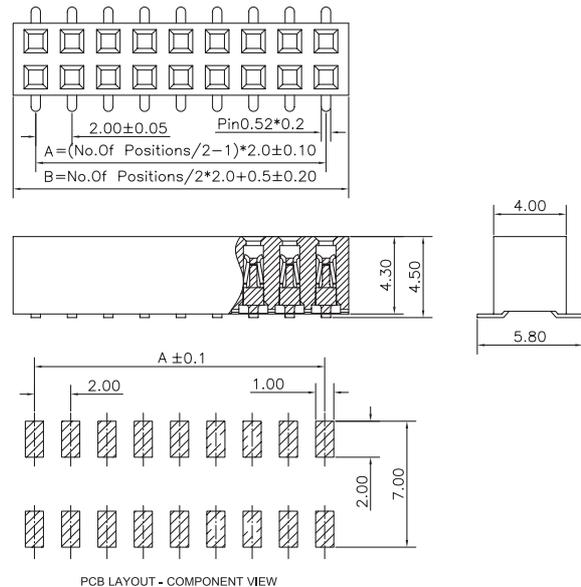
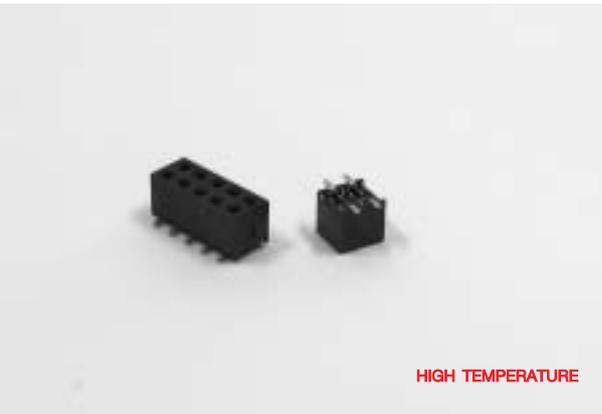
PACKAGING

- Tray

Order Code	Pins	A (mm)	B (mm)
620 004 218 21	4	2.00	4.50
620 006 218 21	6	4.00	6.50
620 008 218 21	8	6.00	8.50
620 010 218 21	10	8.00	10.50
620 014 218 21	14	12.00	14.50
620 016 218 21	16	14.00	16.50
620 020 218 21	20	18.00	20.50
620 024 218 21	24	22.00	24.50
620 028 218 21	28	26.00	28.50
620 032 218 21	32	30.00	32.50
620 040 218 21	40	38.00	40.50
620 044 218 21	44	42.00	44.50

NEW

2.00mm Dual SMT Socket Header WR-PHD



01



MATERIAL

- Insulator: PA 6T
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.00 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 2 A max
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free reflow soldering

PACKAGING

- Tube

Order Code	Pins	A (mm)	B (mm)
621 004 242 921	4	2.00	4.50
621 006 242 921	6	4.00	6.50
621 008 242 921	8	6.00	8.50
621 010 242 921	10	8.00	10.50
621 014 242 921	14	12.00	14.50
621 016 242 921	16	14.00	16.50
621 020 242 921	20	18.00	20.50
621 024 242 921	24	22.00	24.50
621 032 242 921	32	30.00	32.50
621 044 242 921	44	42.00	44.50

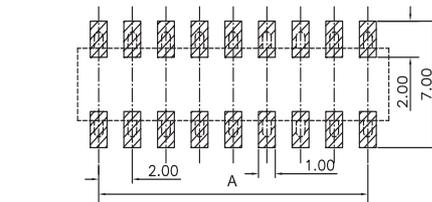
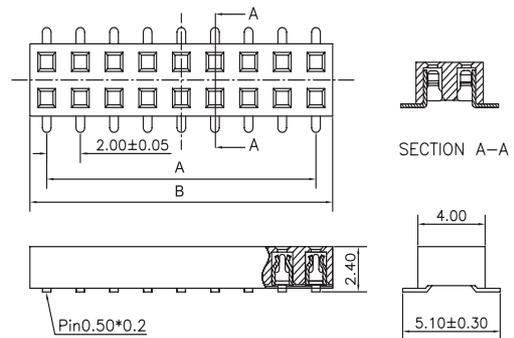


2.00mm Dual SMT Socket Header Low Profile WR-PHD

01



HIGH TEMPERATURE



PCB LAYOUT - COMPONENT VIEW



MATERIAL

- Insulator: PA 6T
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 2.00 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 2 A max
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free reflow soldering

PACKAGING

- Tube

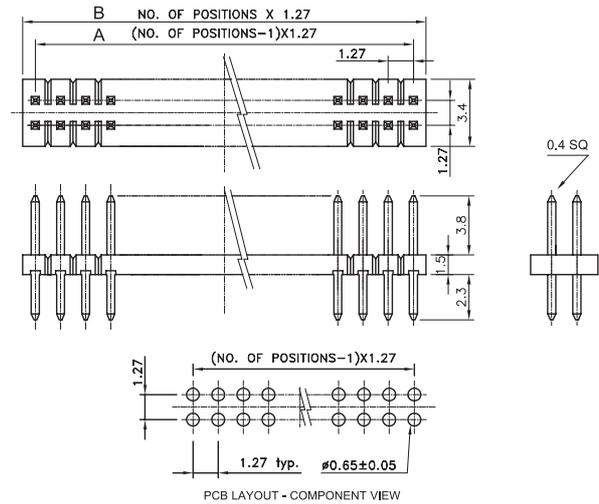
Order Code	Pins	A (mm)	B (mm)
621 004 218 21	4	2.00	4.00
621 006 218 21	6	4.00	6.00
621 008 218 21	8	6.00	8.00
621 010 218 21	10	8.00	10.00
621 014 218 21	14	12.00	14.00
621 016 218 21	16	14.00	16.00
621 020 218 21	20	18.00	20.00
621 024 218 21	24	22.00	24.00
621 032 218 21	32	30.00	32.00
621 044 218 21	44	42.00	44.00



1.27mm Dual Pin Header WR-PHD



HIGH TEMPERATURE



MATERIAL

- Insulator: PA 6T
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 1.27 mm

ENVIRONMENTAL

- Operating temperature: $-40\text{ }^{\circ}\text{C}$ up to $125\text{ }^{\circ}\text{C}$
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 1 A max
- Working voltage: 50 VAC
- Insulation resistance: $>1000\text{ MOhm}$
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free reflow soldering

PACKAGING

- Bag

Order Code	Pins	A (mm)	B (mm)
622 004 211 21	4	1.27	2.54
622 008 211 21	8	3.81	5.08
622 010 211 21	10	5.08	6.35
622 014 211 21	14	7.62	8.89
622 016 211 21	16	8.89	10.16
622 020 211 21	20	11.43	12.70
622 028 211 21	28	16.51	17.78

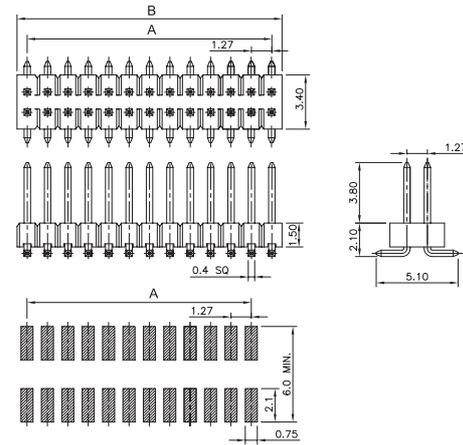


1.27mm Dual SMT Pin Header H=3.80mm WR-PHD

01



HIGH TEMPERATURE



MATERIAL

- Insulator: PA 6T
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 1.27 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 1 A max
- Working voltage: 50 Vac
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free reflow soldering

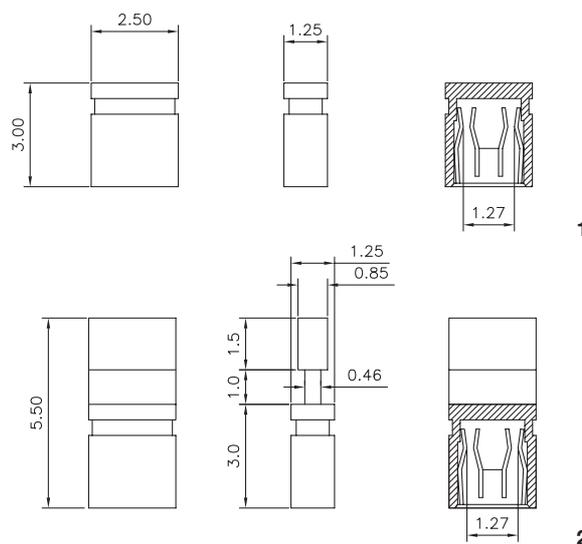
PACKAGING

- Tube

Article Code	Pins	A (mm)	B (mm)
621 004 210 21	4	1.27	2.54
621 008 210 21	8	3.81	5.08
621 010 210 21	10	5.08	6.35
621 014 210 21	14	7.62	8.89
621 016 210 21	16	8.89	10.16
621 020 210 21	20	11.43	12.70
621 028 210 21	28	16.51	17.78
621 040 210 21	40	24.13	25.40
621 044 210 21	44	26.67	27.94

1.27mm Jumper WR-PHD

01



MATERIAL

- Insulator: PA 66
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 1.27 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 105 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 1 A max
- Working voltage: 250 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 30 mOhm max

PACKAGING

- Bag

Order Code	Drawing	Pins	Description
622 002 134 21	1	1 x 2	Black
622 002 115 121	2	1 x 2	Black with pullback

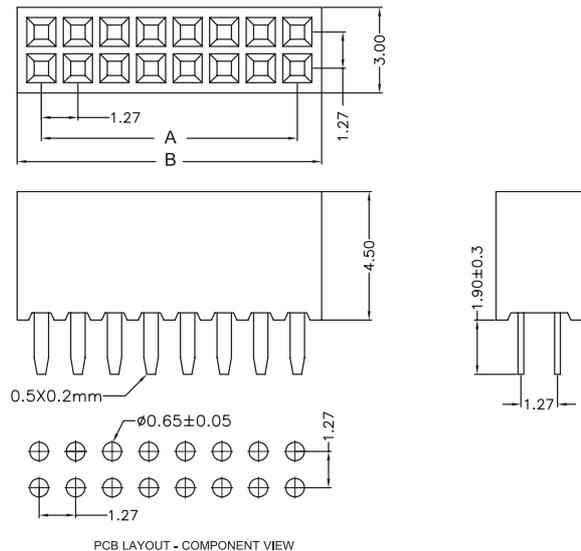


1.27mm Dual Socket Header WR-PHD

01



HIGH TEMPERATURE



MATERIAL

- Insulator: PA 6T
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 1.27 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 1 A max
- Working voltage: 50 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free reflow soldering

PACKAGING

- Tube

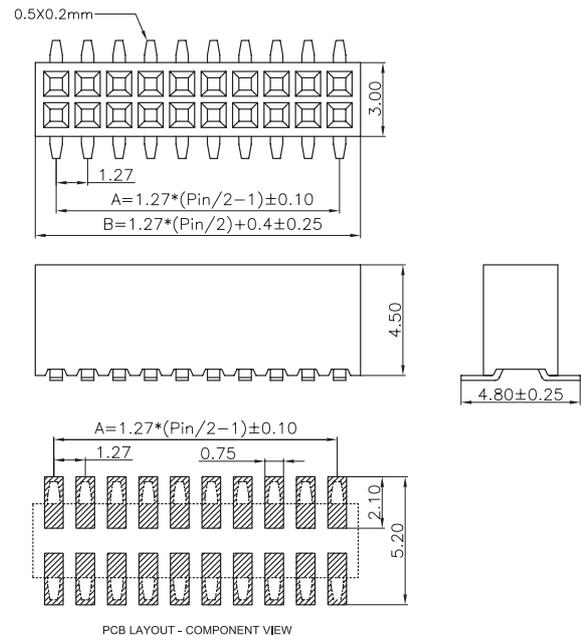
Order Code	Pins	A (mm)	B (mm)
622 004 218 21	4	1.27	2.94
622 008 218 21	8	3.81	5.08
622 010 218 21	10	5.08	6.75
622 014 218 21	14	7.62	9.29
622 016 218 21	16	8.89	10.56
622 020 218 21	20	11.43	13.10
622 028 218 21	28	16.51	18.18

1.27mm Dual SMT Socket Header H=4.50mm WR-PHD

01



HIGH TEMPERATURE



MATERIAL

- Insulator: PA 6T
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 1.27 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 1 A max
- Working voltage: 50 VAC
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free reflow soldering

PACKAGING

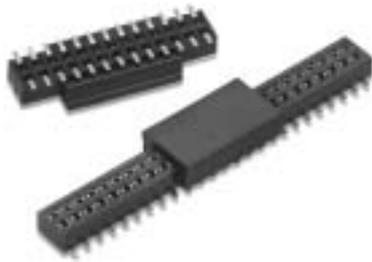
- Tube

Order Code	Pins	A (mm)	B (mm)
623 004 210 21	4	1.27	2.94
623 008 210 21	8	3.81	5.08
623 010 210 21	10	5.08	6.75
623 014 210 21	14	7.62	9.29
623 016 210 21	16	8.89	10.56
623 020 210 21	20	11.43	13.10
623 028 210 21	28	16.51	18.18

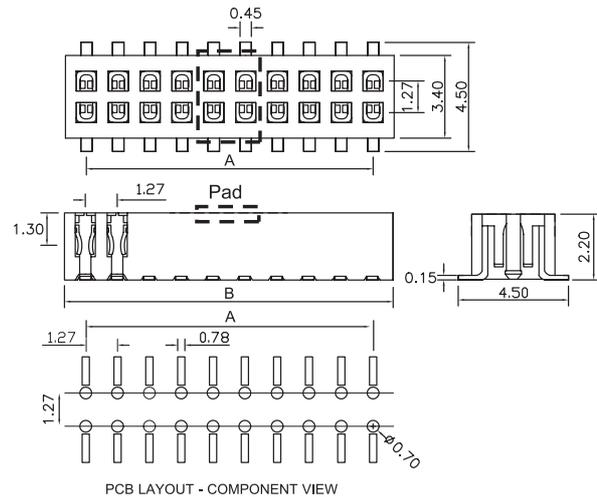


1.27mm Dual SMT Socket Header H=2.20mm Bottom Entry WR-PHD

01



HIGH TEMPERATURE



MATERIAL

- Insulator: PA 9T
- Flamability rating: UL94-V0
- Colour: Black
- Contact material: Copper alloy
- Contact type: Stamped
- Contact plating: Gold
- Quality class: 3 as per IEC 60 603-13
- Pitch: 1.27 mm

ENVIRONMENTAL

- Operating temperature: -40 °C up to 125 °C
- Compliance: Lead free and RoHS

ELECTRICAL

- Current rating: 1 A max
- Working voltage: 50 VAc
- Insulation resistance: >1000 MOhm
- Dielectric withstanding voltage: 500 Vac/mn
- Contact resistance: 20 mOhm max

SOLDERING

- Solder temperature: JEDEC lead free reflow soldering

PACKAGING

- Tape & Reel with pad

Order Code	Pins	A (mm)	B (mm)
623 310 235 321	10	5.08	6.35
623 326 235 321	26	15.24	16.51
623 350 235 321	50	30.48	31.75



Notes:

01