

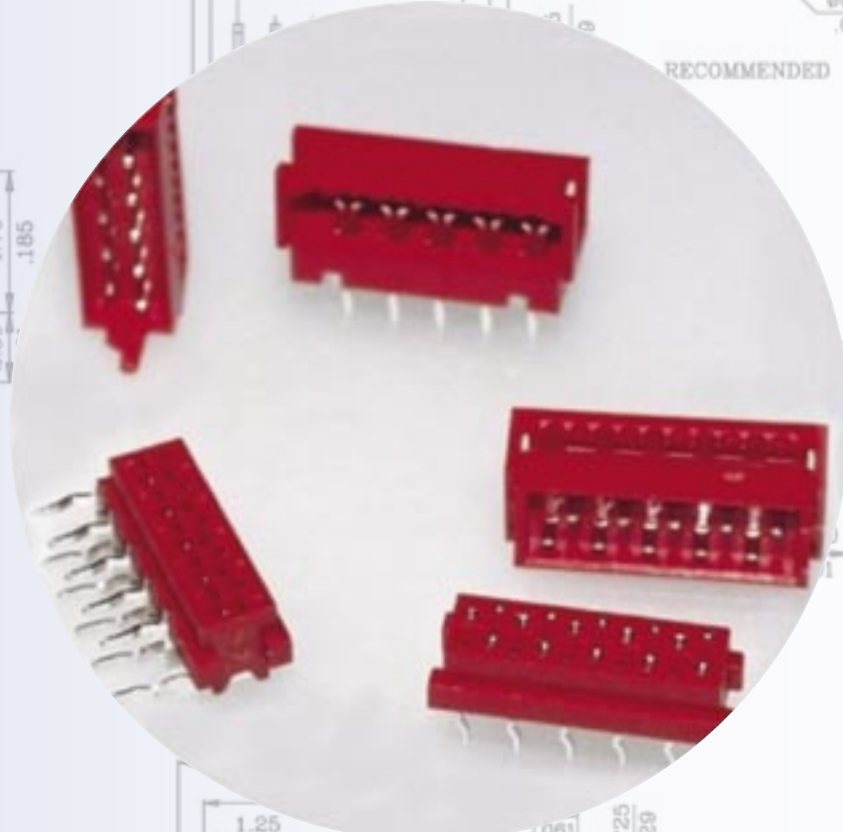
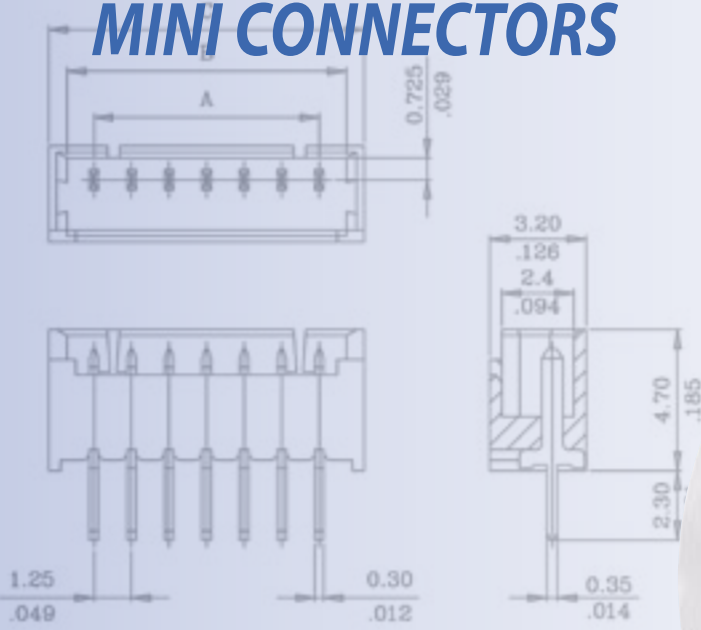
MICRO MINIATURE & MINI CONNECTORS



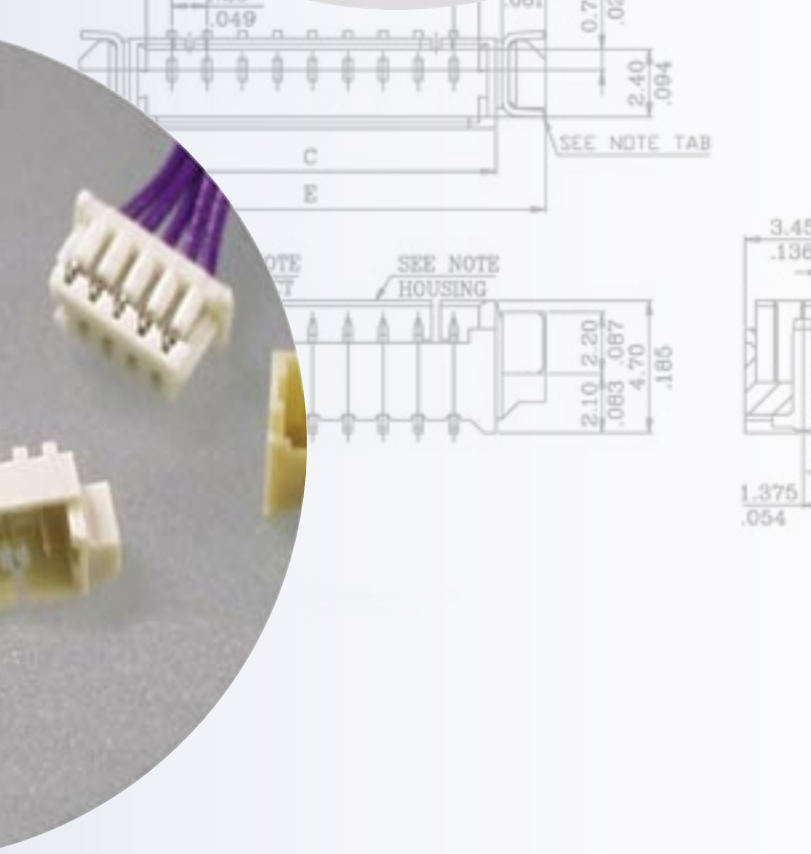
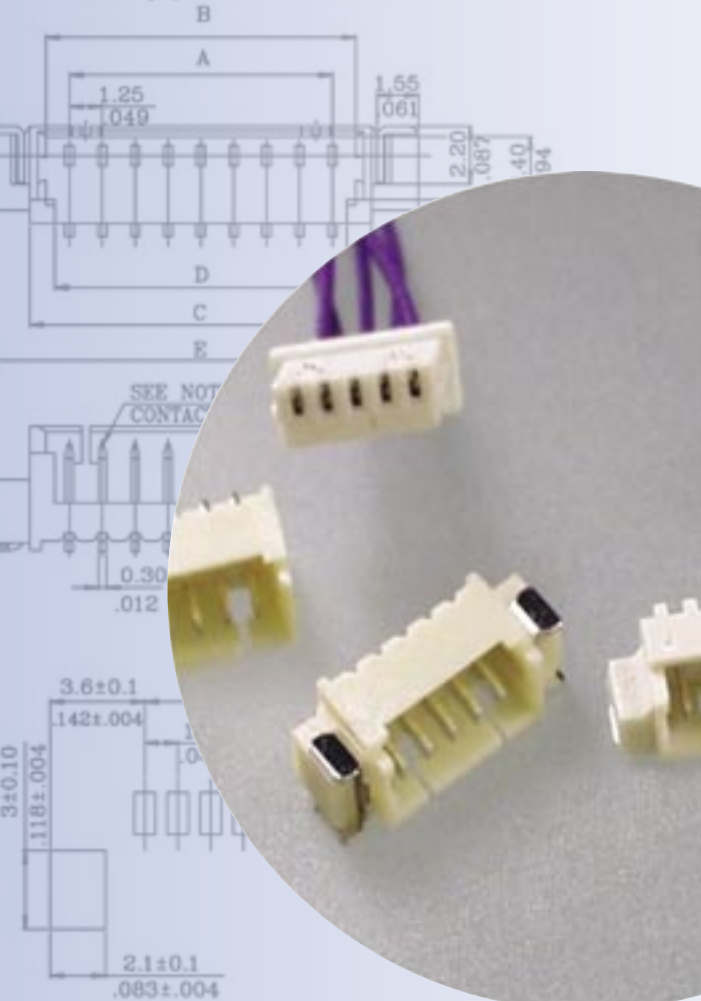
WENNMACHER

Electronic GmbH

Straight (V Version)



SMT Type (V Version)



RECOMMENDED HOLE PATTERN

Germany - Hong Kong - Taiwan - The Netherlands - South Africa - USA



WENNMACHER Electronic GmbH - Standort Deutschland D-63785 Obernburg

WENNMACHER Electronic GmbH hat sich seit ihrer Gründung zu einem weltweit umspannenden und operierenden Unternehmen entwickelt.

Unser Team arbeitet zukunftsorientiert, dynamisch und mit der hohen Flexibilität eines mittelständischen Unternehmens. Zuverlässige Lieferungen, hoher Qualitätsstandard und Kostengünstigkeit sind unsere selbstverständlichen Zielstellungen.

WENNMACHER Electronic GmbH bietet ein umfangreiches Sortiment elektromechanischer und elektronischer Erzeugnisse und Zubehör, u. a.:

- Aktive / passive Bauelemente
- Steckverbinder & flexible Verbindungssysteme
- Leiterplatten & -bestückung
- Kabel & kundenspezifische Kabelkonfektionen
- Kitting-service & Programming
- Komplettlösungen und Sonderanfertigungen

Unsere Stärke ist Projektarbeit für maßgeschneiderte, kundenspezifische Lösungen, von der Entwicklung bis zur Serienproduktion.

WENNMACHER Electronic GmbH has become a global enterprise with companies around the world.

Our dynamic and future minded team handles your requirements and deliveries with the emphasis on quality and cost.

WENNMACHER Electronic GmbH offers a large assortment of electromechanical and electrotechnical products and accessories:

- Active & passive components
- Connectors & flexible interconnections
- PC-boards & assembling
- Cable & customer specific cable assemblies
- Kitting service & programming
- Complete solutions & special applications

Our strength is project support with custom solutions from the development stage to production.



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Male on Wire Type - A 28



5 Micro Miniature Connectors
Paddle Board Type - A 28a



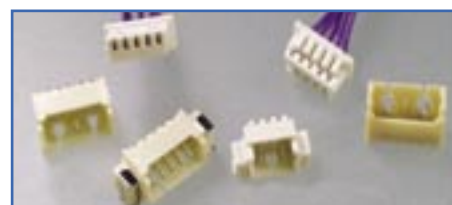
6 Micro Miniature Connectors
Female on Board Top Entry Type - A 28b



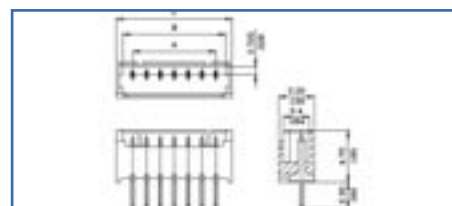
7 Micro Miniature Connectors
Female on Board Side Entry Type - A 28c



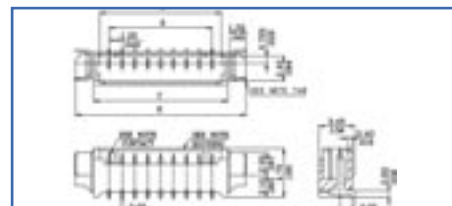
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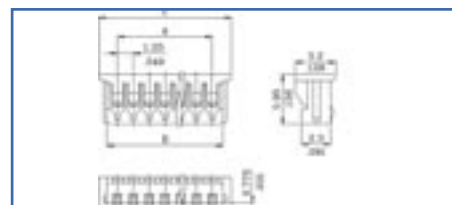
9 Miniature Connectors - Series 1254
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11 Miniature Connectors - Series 1254
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MATERIAL:

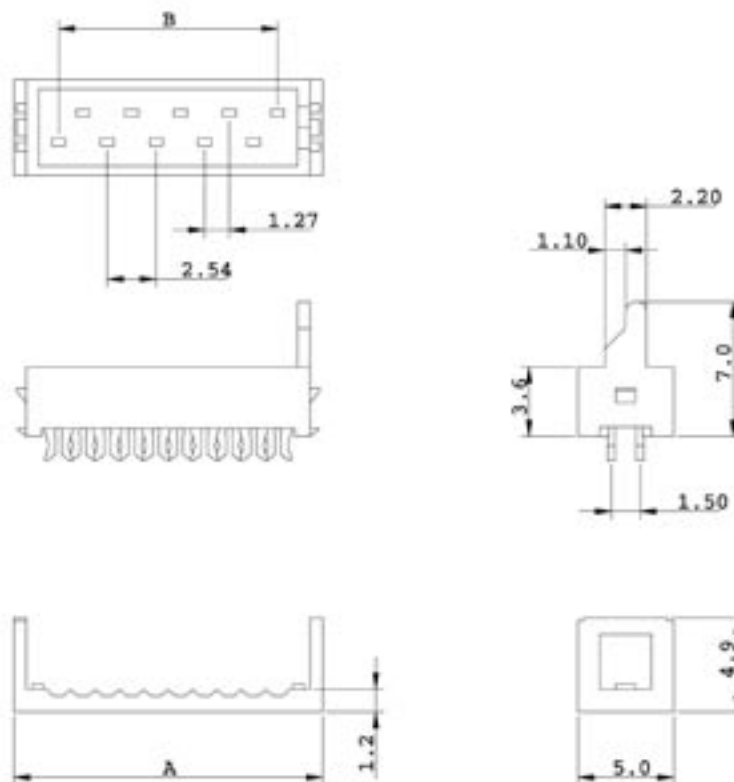
- Insulator:** ■ PBT - UL 94V-0
Contact: ■ Copper Alloy

CONNECTOR TYPE - A 28



SPECIFICATIONS:

- Current rating:** ■ 1 Amp. DC
Contact resistance: ■ 30 mΩ max.
Insulation resistance: ■ 1000 MΩ min.
Dielectric Voltage: ■ 500V AC for 1 minute
Operating Temperature: ■ -40°C to 105°C



Circuits	Dimensions	
	A	B
04	8,46	3,81
06	11,00	6,35
08	13,54	8,89
10	16,08	11,43
12	18,62	13,97
14	21,16	16,51
16	23,70	19,05
18	26,24	21,59
20	28,78	24,13

ORDER INFORMATION

A 28	-	16	-	B	-	T	-	6
Series No.		No. of circuits		Contact material		Plating		
		04 06 08 10 12 14 16 18 20		B = Phosphor bronze		T= Tin plated S = Selective G = Gold flash A = 5μ" gold B = 10μ" gold C = 15μ" gold D = 30μ" gold		6 = Red

MATERIAL:

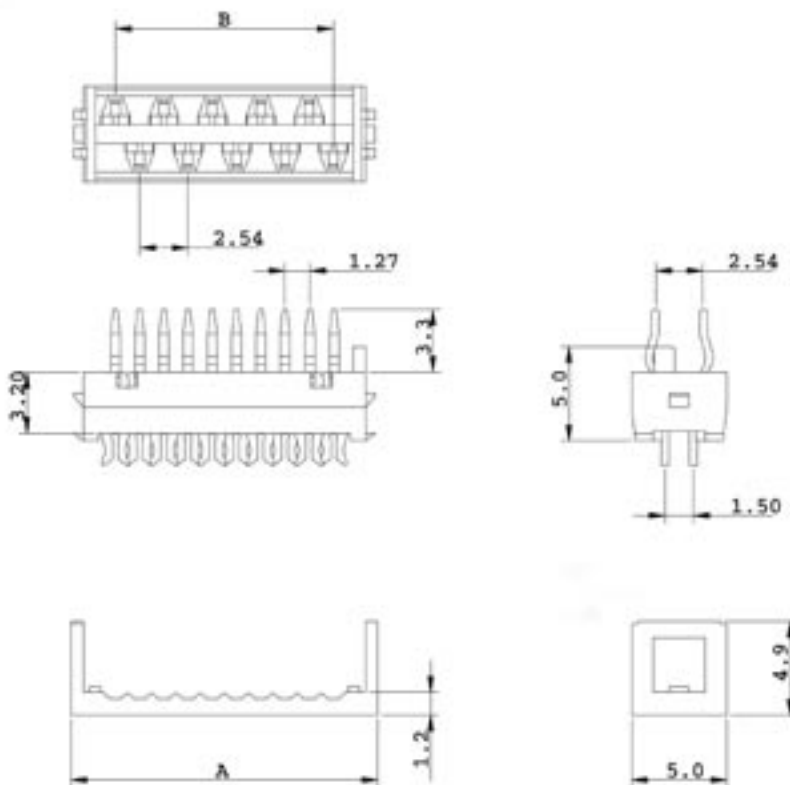
Insulator: ■ PBT - UL 94V-0
Contact: ■ Copper Alloy

CONNECTOR TYPE - A 28a



SPECIFICATIONS:

Current rating: ■ 1 Amp. DC
Contact resistance: ■ 30 mΩ max.
Insulation resistance: ■ 1000 MΩ min.
Dielectric Voltage: ■ 500V AC for 1 minute
Operating Temperature: ■ -40°C to 105°C



Circuits	Dimensions	
	A	B
04	8,46	3,81
06	11,00	6,35
08	13,54	8,89
10	16,08	11,43
12	18,62	13,97
14	21,16	16,51
16	23,70	19,05
18	26,24	21,59
20	28,78	24,13

ORDER INFORMATION

A 28a	-	16	-	B	-	T	-	6
Series No.		No. of circuits		Contact material		Plating		
		04 06 08 10 12 14 16 18 20		B = Phosphor bronze		T = Tin plated S = Selective G = Gold flash A = 5μ" gold B = 10μ" gold C = 15μ" gold D = 30μ" gold		6 = Red

MICRO MINIATURE CONNECTORS

Female on Board top entry Type

MATERIAL:

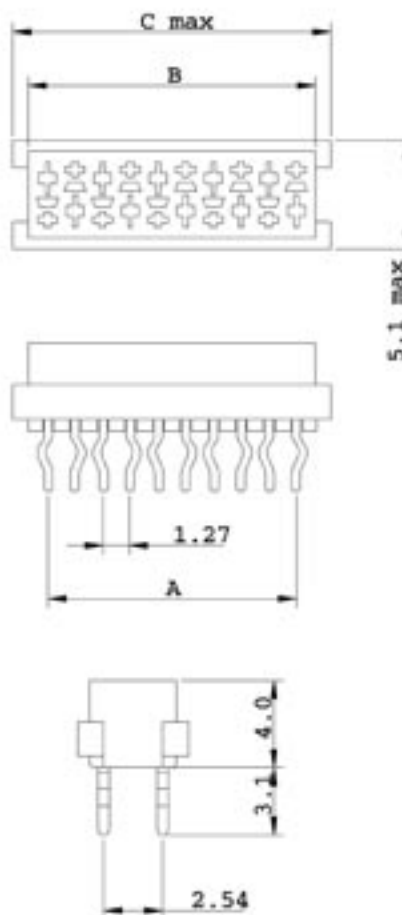
CONNECTOR TYPE - A 28b

Insulator: ■ PBT - UL 94V-O
Contact: ■ Copper Alloy



SPECIFICATIONS:

Current rating: ■ 1 Amp. DC
Contact resistance: ■ 30 mΩ max.
Insulation resistance: ■ 1000 MΩ min.
Dielectric Voltage: ■ 500V AC for 1 minute
Operating Temperature: ■ -40°C to 105°C



Circuits	Dimensions		
	A	B	C
04	3,81	5,60	7,10
06	6,35	8,14	9,70
08	8,89	10,68	12,20
10	11,43	13,22	14,70
12	13,97	15,76	17,30
14	16,51	18,30	19,80
16	19,05	20,84	22,40
18	21,59	23,38	24,90
20	24,13	25,92	27,40

ORDER INFORMATION

A 28b	-	16	-	B	-	T	-	A	-	6
Series No.		No. of circuits		Contact material		Plating		Polarisation		
		04 06 08 10 12 14 16 18 20		B = Phosphor bronze		T = Tin plated A = 5µ" gold S = Selective B = 10µ" gold G = Gold flash C = 15µ" gold D = 30µ" gold		A = With B = Without		6 = Red

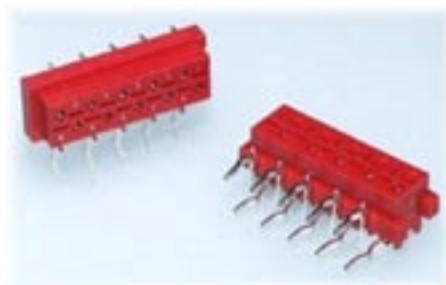
MICRO MINIATURE CONNECTORS

Female on Board side entry Type

MATERIAL:

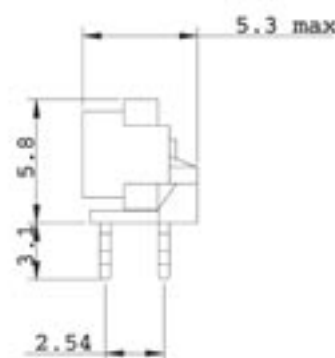
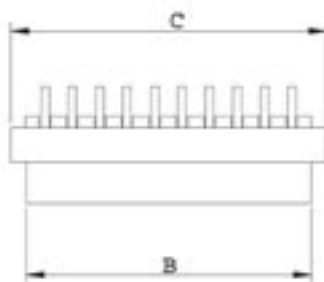
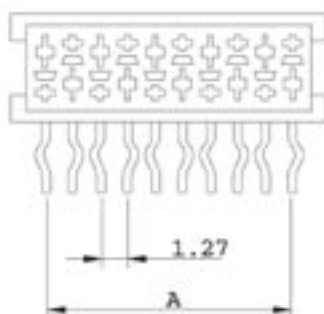
Insulator: ■ PBT - UL 94V-O
Contact: ■ Copper Alloy

CONNECTOR TYPE - A 28c



SPECIFICATIONS:

Current rating: ■ 1 Amp. DC
Contact resistance: ■ 30 mΩ max.
Insulation resistance: ■ 1000 MΩ min.
Dielectric Voltage: ■ 500V AC for 1 minute
Operating Temperature: ■ -40°C to 105°C



Circuits	Dimensions		
	A	B	C
04	3,81	5,60	7,10
06	6,35	8,14	9,70
08	8,89	10,68	12,20
10	11,43	13,22	14,70
12	13,97	15,76	17,30
14	16,51	18,30	19,80
16	19,05	20,84	22,40
18	21,59	23,38	24,90
20	24,13	25,92	27,40

ORDER INFORMATION

A 28c	-	16	-	B	-	T	-	A	-	6
Series No.		No. of circuits		Contact material		Plating		Polarisation		
		04 06 08 10 12 14 16 18 20		B = Phosphor bronze		T = Tin plated A = 5µ" gold S = Selective B = 10µ" gold G = Gold flash C = 15µ" gold D = 30µ" gold		A = With B = Without		6 = Red

FEATURES

Header:

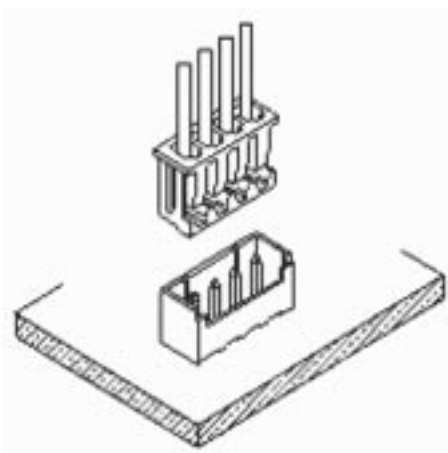
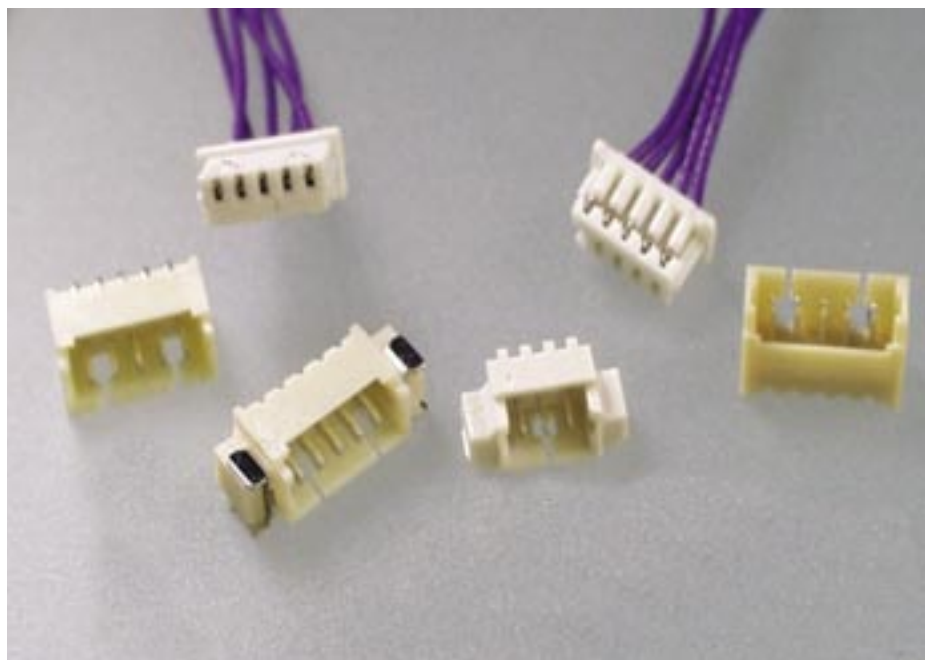
- Available from 2 to 15 circuits
- Nylon-6T UL94V-O
- 0,3mm (.011") Pin

Housing:

- Available from 2 to 15 circuits
- PBTP. UL94V-O

Terminal:

- Accomodate wire range AWG30
- Mates with 0,3mm (.011") Pin
- Material: Phosphor bronze

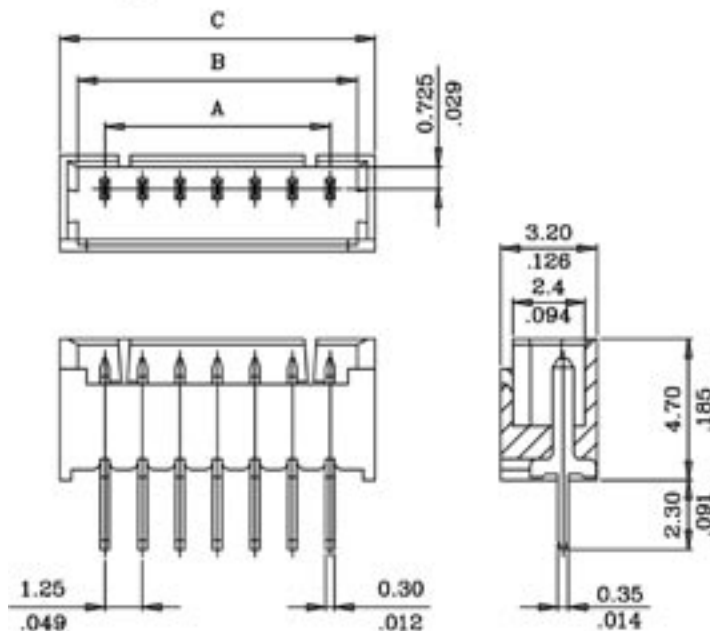


SPECIFICATIONS

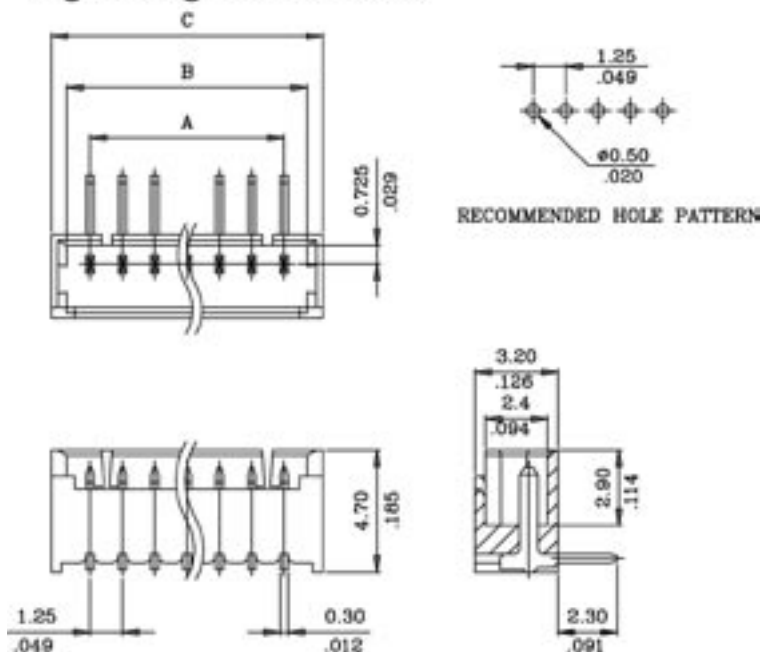
Current rating:	■ 1 Amp.
Voltage rating:	■ AC 150 V
Temperature rating:	■ -40°C to +105°C
Mating pin size:	■ 0,3mm ±0,025mm
Contact resistance:	■ 20mΩ max.
Insulation resistance:	■ 1000MΩ min.
Dielectric withstanding voltage:	■ AC 500V/minute

CONNECTOR TYPE - 1254 P - STRAIGHT & RIGHT ANGLE

Straight (V Version)



Right Angle (H Version)



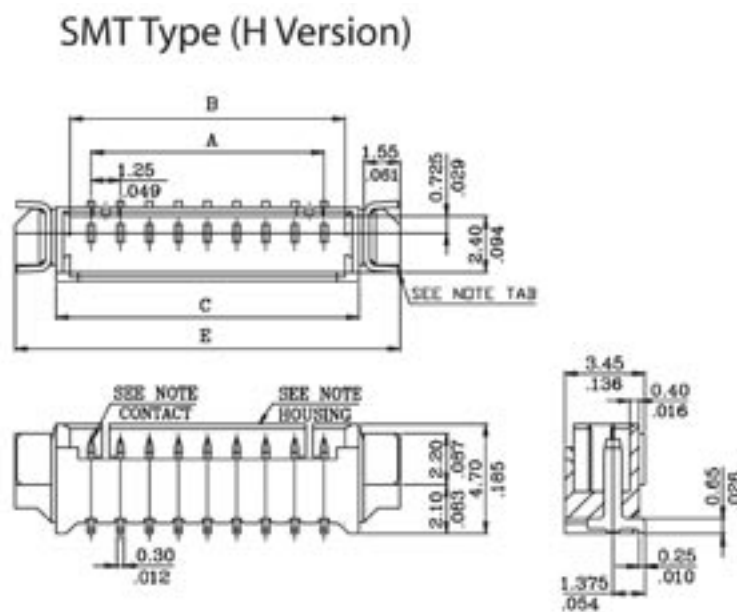
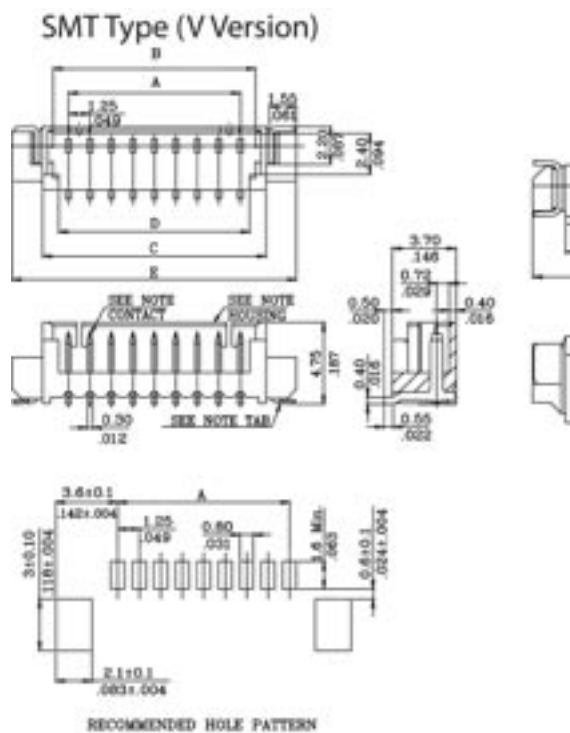
ORDER INFORMATION

DIMENSIONS

1254 P	15	*	*	O	*
Series No.	No. of circuits	Type	Options		Packing
	2 ~ 15	V = Straight H = Right angle M = SMT type	O = Special option V = Straight H = Right angle		O = Tape & reel 1 = Tube

A	= (No. of contacts - 1) x 1,25mm
B	= No. of contacts x 1,25mm + 0,55mm
C	= No. of contacts x 1,25mm + 1,75mm
D	= No. of contacts x 1,25mm - 0,15mm
E	= No. of contacts x 1,25mm + 5,29mm

CONNECTOR TYPE - 1254 P - SMT TYPE



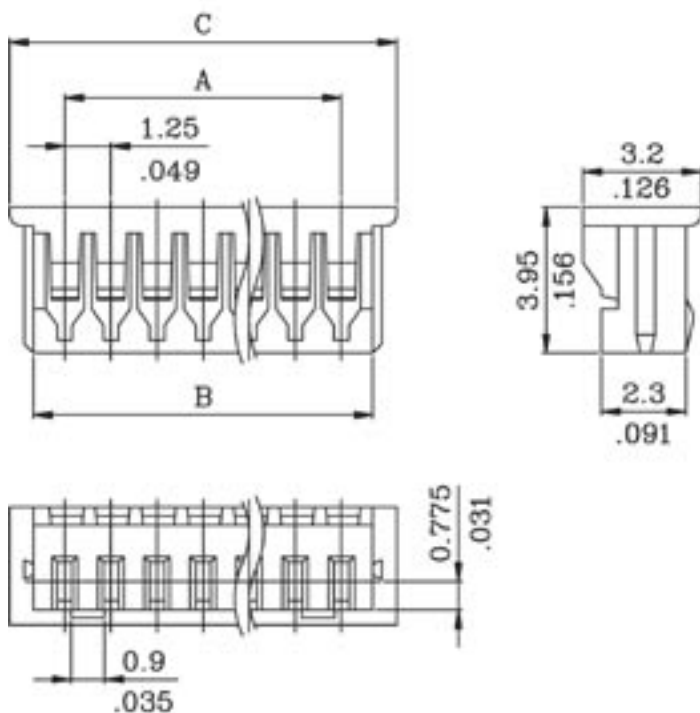
ORDER INFORMATION

DIMENSIONS

1254 P	15	*	*	O	*
Series No.	No. of circuits	Type	Options		Packing
	2 ~ 15	V = Straight H = Right angle M = SMT type	O = Special option V = Straight H = Right angle		O = Tape & reel 1 = Tube

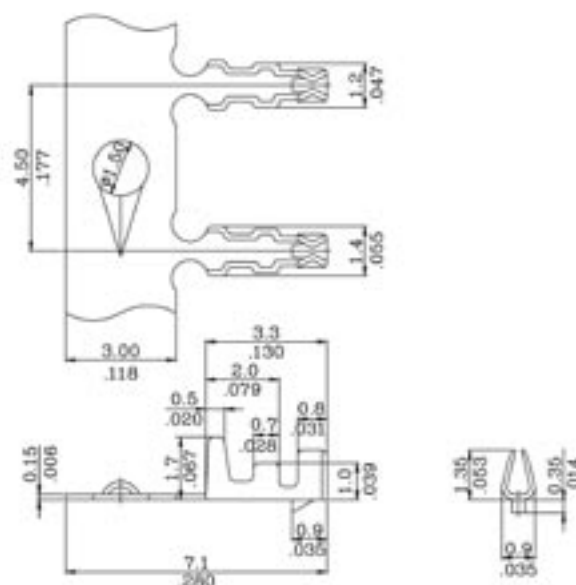
A = (No. of contacts - 1) x 1,25mm
B = No. of contacts x 1,25mm + 0,55mm
C = No. of contacts x 1,25mm + 1,75mm
D = No. of contacts x 1,25mm - 0,15mm
E = No. of contacts x 1,25mm + 5,29mm

CONNECTOR TYPE - 1254 S - CRIMP TYPE SOCKET



Circuits	Part No.	Dimensions		
		A	B	C
2	1254S020000	1,25 (.049)	2,95 (.116)	4,25 (.167)
3	1254S030000	2,50 (.098)	4,20 (.165)	5,50 (.217)
4	1254S040000	3,75 (.148)	5,45 (.215)	6,75 (.266)
5	1254S050000	5,00 (.197)	6,70 (.264)	8,00 (.315)
6	1254S060000	6,25 (.246)	7,95 (.313)	9,25 (.364)
7	1254S070000	7,50 (.295)	9,20 (.362)	10,50 (.413)
8	1254S080000	8,75 (.344)	10,45 (.411)	11,75 (.463)
9	1254S090000	10,00 (.394)	11,70 (.461)	13,00 (.512)
10	1254S100000	11,25 (.443)	12,95 (.510)	14,25 (.561)
11	1254S110000	12,50 (.492)	14,20 (.559)	15,50 (.610)
12	1254S120000	13,75 (.541)	15,45 (.608)	16,75 (.659)
13	1254S130000	15,00 (.591)	16,70 (.657)	18,00 (.709)
14	1254S140000	16,25 (.640)	17,95 (.707)	19,25 (.758)
15	1254S150000	17,50 (.689)	19,20 (.756)	20,50 (.807)

CRIMPING CONTACT - SPECIFICATION & ORDER INFORMATION



Part No.	Wire range	Insulation diameter	Reel Q'ty	Tooling
1254TPB0000	AWG 30	1,56mm (.061")	25.000 Pcs.	*CD-1254R01

KONTAKTE CONTACTS



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