

2540 Series

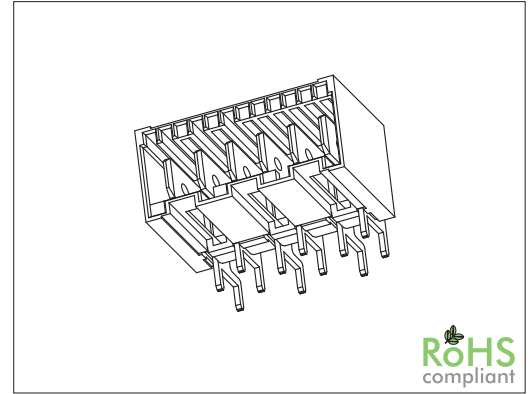
5.00 mm RAST Fast-On Male Header Horizontal

General specifications

Insulator material	Nylon-66 w/ glass fiber, UL94V-0, color: nature
Contact material	Copper alloy
Current rating	16 A
Voltage rating	250 V AC/DC
Contact resistance	15 mΩ max.
Insulator resistance	5000 MΩ min.
Dielectrical withstanding	2000 VAC for 1 min
Operating temperature	-40 °C to +105 °C
Compliant with	IEC 60695-2-11 and IEC 60335-1
Soldering	Lead free wave soldering process

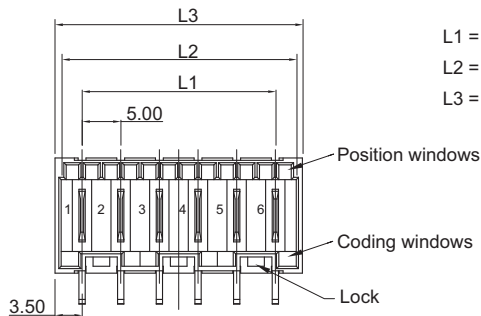
Mating parts series

2540-P w/ identical coding or cable assembly



Mechanical dimensions

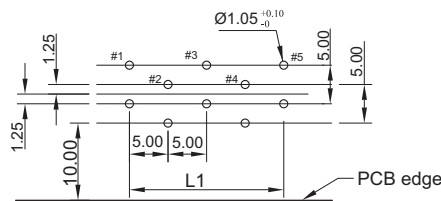
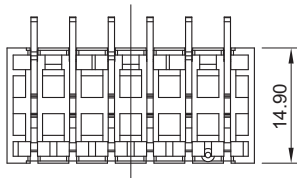
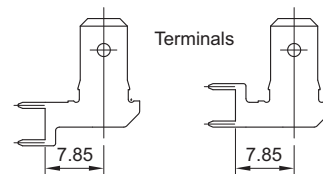
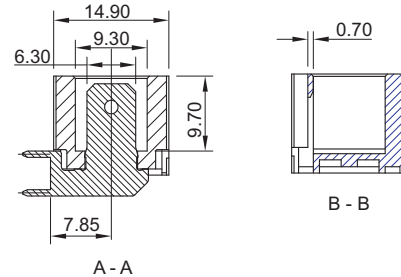
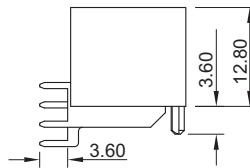
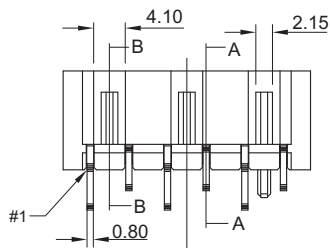
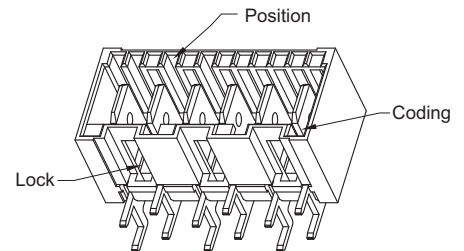
Unit: mm



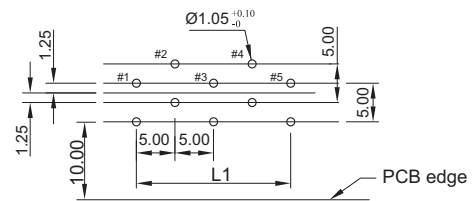
$$L1 = (\text{No. of contacts} - 1) \times 5.00$$

$$L2 = \text{No. of contacts} \times 5.00 + 0.20$$

$$L3 = \text{No. of contacts} \times 5.00 + 2.00$$



Recommended P.C.B. layout
Type T



Recommended P.C.B. layout
Type J

continued on page 2 to 6

Tolerances	
Linear	X ± 0.30
	.XX ± 0.20

Part numbering guide



Series
H = THT right angle, lock on bottom

No. of contacts
02 to 12

Contact plating
T = Tin 80-120 μm over Ni 30 μm
other plating on request

P.C.B. layout option
T = Type T*
J = Type J

Keying option
see page 3 to 6,
other keying options on
request

* standard



2540 Series

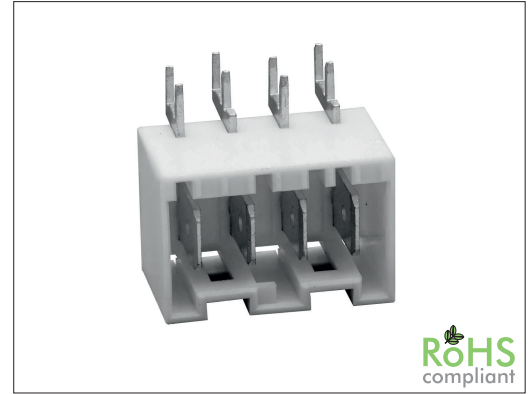
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Soldering	Lead free wave soldering process

Mating parts series

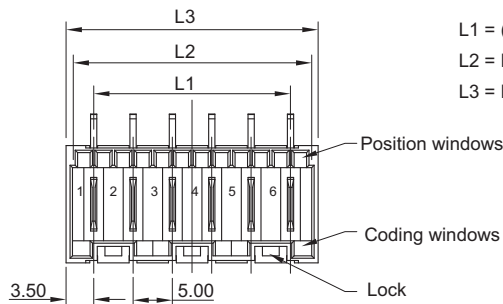
2540-P w/ identical coding or cable assembly



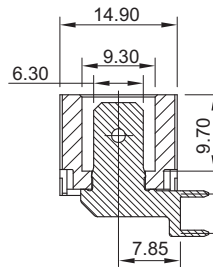
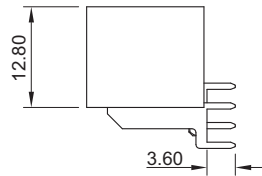
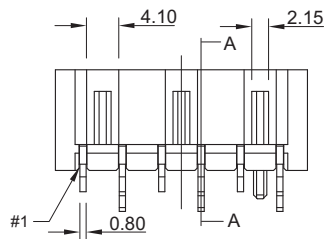
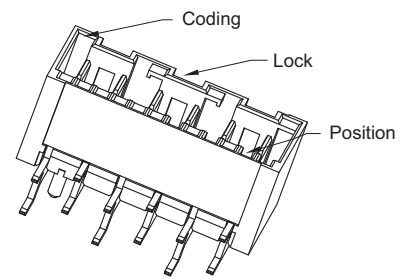
RoHS
compliant

Mechanical dimensions

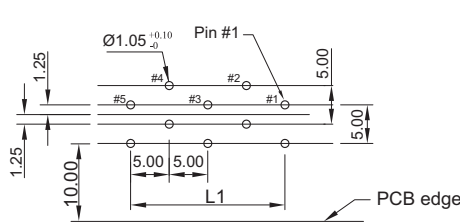
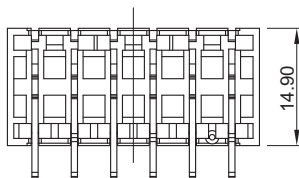
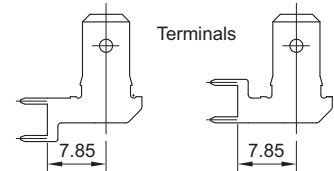
Unit: mm



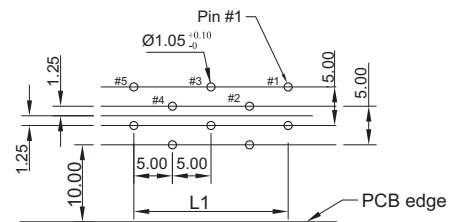
$L1 = (\text{No. of contacts} - 1) \times 5.00$
 $L2 = \text{No. of contacts} \times 5.00 + 0.20$
 $L3 = \text{No. of contacts} \times 5.00 + 2.00$



A - A



Recommended P.C.B. layout
Type T



Recommended P.C.B. layout
Type J

continued on page 3 to 6

Tolerances	
Linear	X ± 0.30
	.XX ± 0.20

Part numbering guide

2540 R

Series
R = THT right angle reverse type,
lock on top

02

No. of contacts
02 to 12

T

Contact plating
T = Tin 80-120 μm over Ni 30 μm
other plating on request

T

P.C.B. layout option
T = Type T
J = Type J

0A

Keying option
see page 3 to 6,
other keying options on
request

* standard



Keying options for 2 to 4 pin

Unit: mm

View from top side

Code	0A	0B	0C	0D	0E	0F	0G	0H	0I	0J	0L	0M	0N
Key/Lock 2 pin													

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Code	0A	0B	0C	0D	0E	0F	0G	0H	0I	0K	0L
Key/Lock 3 pin											

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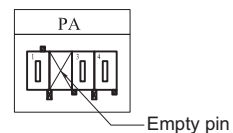
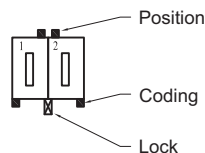
Code	0A	0B	0C	0D	0E	0F	0G	0H	0I
Key/Lock 4 pin									

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Keying options for 5 and 6 pin

Unit: mm

View from top side

Code	0A	0B	0C	0D	0E	0F	0G	0L	
Key/Lock 5 pin									
	01	02	03	04	05	06	07	08	
	09	11	12	13	14	17	18	20	
	21	22	23	24	25	26	27	28	
	29	30	31	33	34	35	36	40	
	43	45	49	50	51	64	69	73	
	80	81	82	83	84	85	86	87	
	88	PB							

Code	0A	0B	0C	0D	0E	0I
Key/Lock 6 pin						
	04	06	14	15	21	29
	30	50	51	71	73	80
	81					



Keying options for 7 to 9 pin

Unit: mm

View from top side

Code	0A	0B	1B	0C	0D	0E	03
Key/Lock 7 pin							
	04	14	22	23	27	30	31
	32	34	35	38	40	41	42
	43	45	48	51	59	69	76
	80	81	83				

Code	0A	0C	0D	0E	0F	08
Key/Lock 8 pin						
	10	16	21	30	33	41
	44	45	46	48	49	57
	58	62	63	77	80	81
	83					

Code	0A	0B	0C	0D	08
Key/Lock 9 pin					
	31	42	43	48	49
	52	53	57	58	
	80	81			



Keying options for 10 to 12 pin

Unit: mm

View from top side

Code	0A	01	02	30
Key/Lock 10 pin				

Code	0A	0B	0C	01
Key/Lock 11 pin				

Code	27	30	59
Key/Lock 12 pin			

