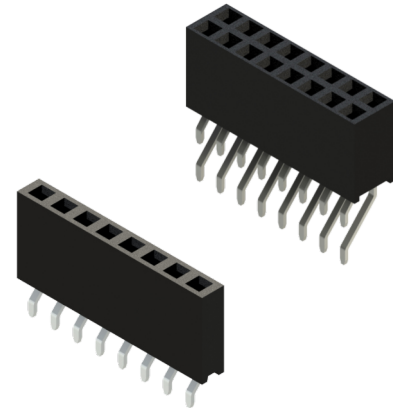


Features

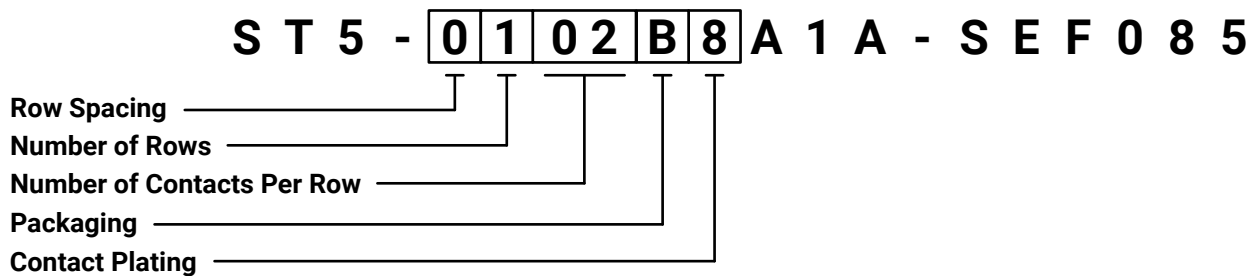
- Right-Angle SMT termination
- Single, and double rows
- Wide variety of plating options
- Different packaging types available
- RoHS compliant



Specifications

Insulator Material	UL94V-0 Thermoplastic
Contact Material	Copper Alloy
Contact Plating	Tin Plating, Gold Plating
Current Rating	3 Amps
Contact Resistance	20 Milliohms maximum
Dielectric Withstanding Voltage	1000 VAC/minute
Insulation Resistance	1000 Megaohms minimum
Operating Temperature	-40°C to +105°C

Example Part Number



*** Please see next page for options

Row Spacing	Description		
0	Not Applicable (For Single Row Headers Only)		
5	2.54mm		
Number of Rows	Description		
1	Single Row		
2	Double Row		
Number of Contacts Per Row	Description		
02 - 40	Min 2 Positions ~ Max 40 Positions		
Packaging	Description		
A	Tape and Reel (Up to 34 Positions)		
B	Tube		
Contact Plating	Description	Contact Plating	Description
1	Gold Flash	A	Selective Gold Flash
2	Gold Plating 5μ"	B	Selective Gold Plating 5μ"
3	Gold Plating 10μ"	C	Selective Gold Plating 10μ"
4	Gold Plating 15μ"	D	Selective Gold Plating 15μ"
6	Gold Plating 30μ"	F	Selective Gold Plating 30μ"
8	Tin		

Single Row

The drawing illustrates the mechanical specifications for the Single Row connector. It includes three main views:

- Top View:** Shows a row of eight pins with a pitch of 2.54 mm. The total width of the pin array is 2.40 ± 0.15 mm.
- Side View:** Shows the connector's profile with a height of 8.50 ± 0.20 mm. The pin height is 1.40 ± 0.25 mm, and the mounting tab height is 3.00 ± 0.25 mm. The pin diameter is 0.64 mm.
- RECOMMENDED PCB LAYOUT:** Shows the recommended dimensions for the PCB pads. The pad diameter is 2.54 ± 0.10 mm. The pad-to-pad pitch is 2.54 mm. The total pad width is 2.54 X (N-1) ± 0.30 mm. The total pad length is 2.54 X N ± 0.40 ± 0.50 mm.

Double Row

RECOMMENDED PCB LAYOUT

N = NO OF CONTACTS PER ROW

5.0 ± 0.20

8.50 ± 0.20

2.54

1.20

2.50

6.40

2.54 ± 0.10

0.64 X 0.40

2.54 X (N-1) ± 0.30

2.54 X N + 0.4 ± 0.50

3.20 ± 0.25

1.50

1.70

7.20 ± 0.30

0.15