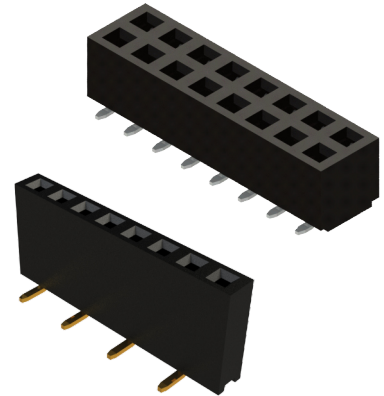


Features

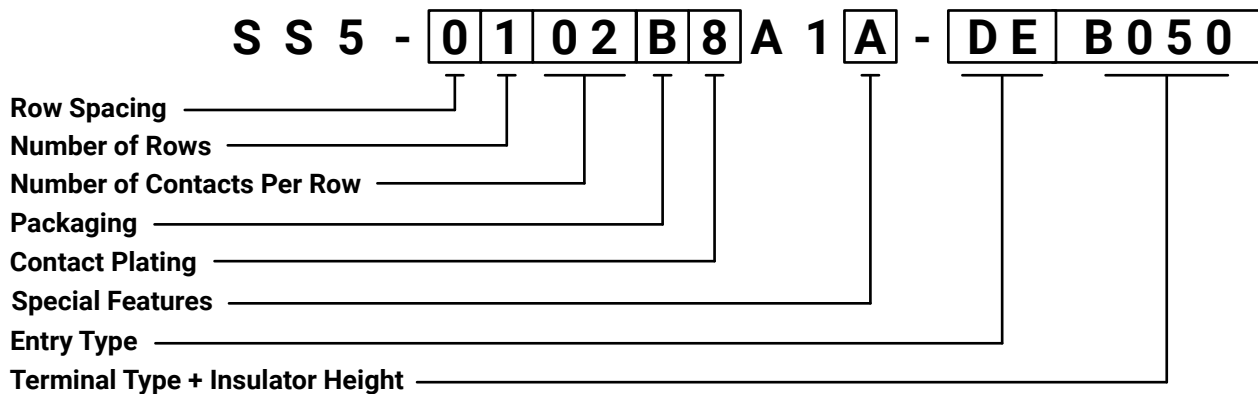
- Vertical SMT termination type
- Single, and double rows
- Wide variety of plating options
- Different insulator heights available
- Different packaging options available
- RoHS compliant



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



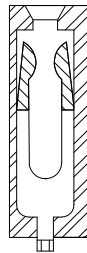
*** Please see next page for options

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		
B	Tube		
C	Cap + Tube		
D	Cap + Reel (Up to 34 positions)		
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		
Special Features	Description		
A	None		
D	Peg (Double row only)		
Entry Type	Description		
DE	Dual Entry		
TE	Top Entry (Use with F085 Terminal Type + Insulator Height only)		
Terminal Type + Insulator Height	Terminal Type	Insulator Height (Dimension C)	
B035	Bifurcated	3.55mm	
B050	Bifurcated	5.00mm	
B071	Bifurcated	7.10mm	
F085	Fork (Use with TE Entry Type Only)	8.50mm	

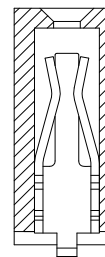
Ordering Note:

- Refer to SM5 ordering guide for Type B pattern

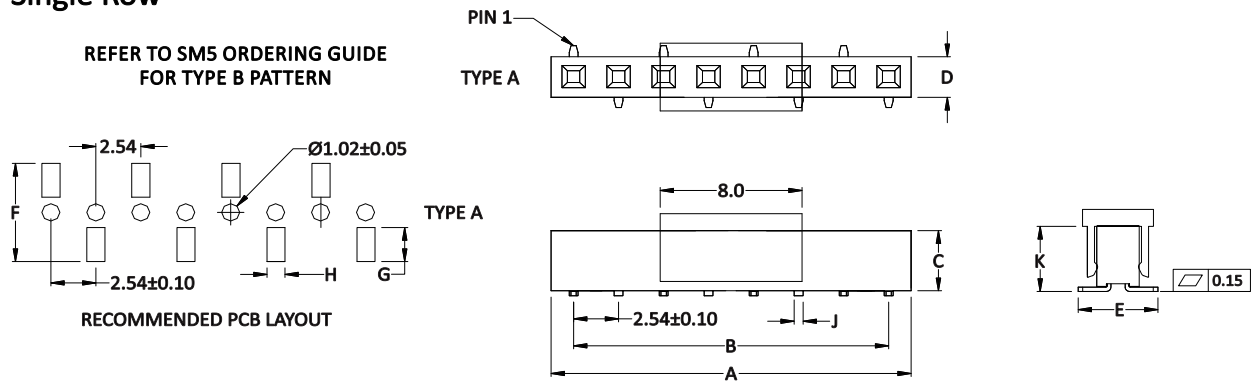
FORK TERMINAL



BIFURCATED TERMINAL

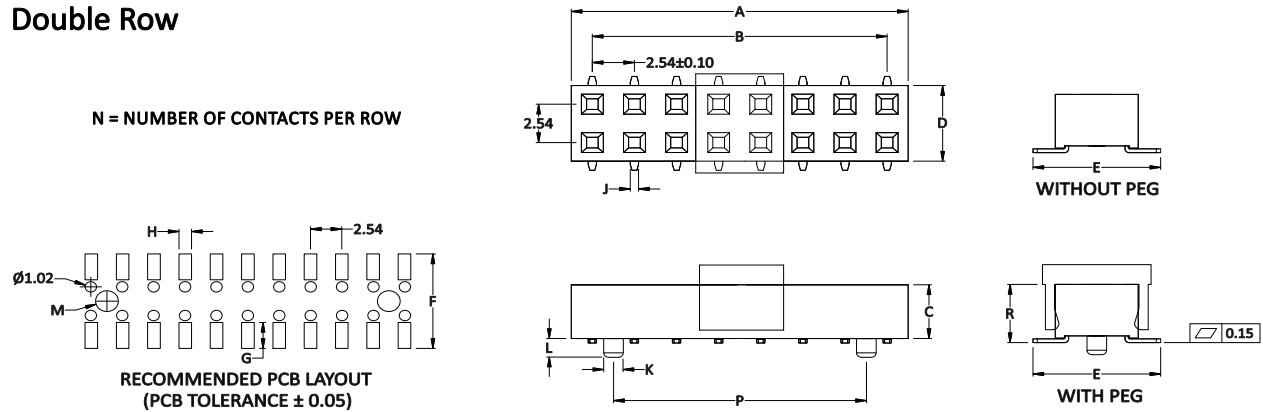


Single Row



Dimension	Terminal Type+ Insulator Height Code			
	B035	B050	B071	F085
A	$2.54XN \pm 0.50$	$[2.54XN + 0.5] \pm 0.50$	$[2.54XN + 0.5] \pm 0.50$	$[2.54XN + 0.5] \pm 0.50$
B	$2.54X(N-1) \pm 0.30$	$2.54X(N-1) \pm 0.30$	$2.54X(N-1) \pm 0.30$	$2.54X(N-1) \pm 0.30$
C	3.55 ± 0.20	5.00 ± 0.20	7.10 ± 0.20	8.50 ± 0.20
D	2.40 ± 0.25	2.50 ± 0.25	2.40 ± 0.25	2.50 ± 0.25
E	4.70 ± 0.30	4.10 ± 0.30	4.10 ± 0.30	5.30 ± 0.30
F	5.80 ± 0.20	5.20 ± 0.20	5.20 ± 0.20	6.40 ± 0.20
G	2.00 ± 0.20	1.90 ± 0.20	1.90 ± 0.20	2.50 ± 0.20
H	1.02 ± 0.20	1.02 ± 0.20	1.30 ± 0.20	1.20 ± 0.20
J	0.50×0.15	0.50×0.25	0.70×0.25	0.64×0.40
K	3.80 ± 0.25	5.30 ± 0.25	7.50 ± 0.25	9.90 ± 0.25

Double Row



Dimension	Terminal Type+ Insulator Height Code			
	B035	B050	B071	F085
A	$2.54XN \pm 0.50$	$[2.54XN + 0.5] \pm 0.50$	$[2.54XN + 0.4] \pm 0.50$	$[2.54XN + 0.4] \pm 0.50$
B	$2.54X(N-1) \pm 0.30$	$2.54X(N-1) \pm 0.30$	$2.54X(N-1) \pm 0.30$	$2.54X(N-1) \pm 0.30$
C	3.55 ± 0.20	5.00 ± 0.20	7.10 ± 0.20	8.50 ± 0.20
D	5.00 ± 0.25	5.00 ± 0.25	5.00 ± 0.25	5.00 ± 0.25
E	7.20 ± 0.30	6.50 ± 0.30	6.70 ± 0.30	7.80 ± 0.30
F	8.40 ± 0.20	7.50 ± 0.20	7.60 ± 0.20	9.00 ± 0.20
G	2.30 ± 0.20	1.50 ± 0.20	1.90 ± 0.20	3.23 ± 0.20
H	1.02 ± 0.20	1.02 ± 0.20	1.30 ± 0.20	1.20 ± 0.20
J	0.50×0.15	0.50×0.25	0.70×0.25	0.64×0.40
K	1.60 ± 0.20	1.00 ± 0.20	1.00 ± 0.20	1.50 ± 0.20
L	1.30 ± 0.20	1.50 ± 0.20	1.40 ± 0.20	1.40 ± 0.20
M	1.80 ± 0.20	1.30 ± 0.20	1.20 ± 0.20	1.80 ± 0.20
P	$2.54X(N-2) \pm 0.20$	$2.54X(N-2) \pm 0.20$	$2.54X(N-2) \pm 0.20$	$2.54X(N-2) \pm 0.20$
R	3.75 ± 0.25	5.40 ± 0.25	7.50 ± 0.25	9.00 ± 0.25