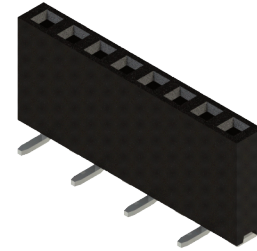


Features

- Vertical SMT termination type
- Single row Type B staggered pattern
- 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

S M 5 - 0 1 **0 2** **B** **8** **A 1 A -** **D E** **B 0 5 0**

Number of Contacts Per Row

Packaging

Contact Plating

Entry Type

Terminal Type + Insulator Height

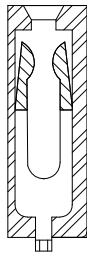
*** Please see next page for options

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		
Entry Type	Description		
DE	Dual Entry		
TE	Top Entry (Use with F085 only)		
Terminal Type + Insulator Height	Terminal Type	Insulator Height (Dimension C)	
B035	Bifurcated Terminals	3.55mm	
B050	Bifurcated Terminals	5.00mm	
B071	Bifurcated Terminals	7.10mm	
F085	Fork Terminals (Use TE Entry Type Only)	8.50mm	

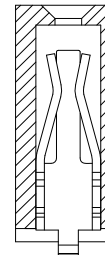
Ordering Note:

- Refer to SS5 ordering guide for Type A pattern

FORK TERMINAL

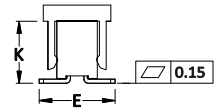
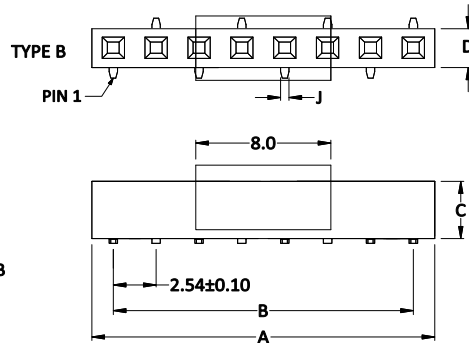
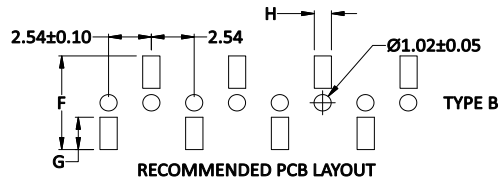


BIFURCATED TERMINAL



Single Row

REFER TO SS5 ORDERING GUIDE
FOR TYPE A PATTERN



Dimension	Terminal Type+ Insulator Height Code			
	B035	B050	B071	F085
A	$2.54XN \pm 0.50$	$[2.54XN + 0.50] \pm 0.50$	$[2.54XN + 0.50] \pm 0.50$	$[2.54XN + 0.50] \pm 0.50$
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