

Features

- Vertical SMT termination type
- Unshrouded pin headers
- Single row staggered pattern
- Wide variety of plating options
- Different insulator heights available
- Customizable contact length and footprint
- 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

	P	M	5	-	0	1	0	3	B	1	A	6	A	-	5	8	7	2	4	1
Number of Contacts Per Row																				
Packaging																				
Contact Plating																				
Dimension D																				
Dimension A																				
Dimension B																				
Dimension C																				

*** Please see next page for options

Unshrouded Vertical SMT Pin Headers .100" (2.54 mm) Pitch - Type B

Number of Contacts Per Row	Description		
02 - 40	Min 2 Position ~ Max 40 Position		
Packaging	Description		
B	Tube		
C	Cap + Tube		
D	Cap + Reel		
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		
Dimension D	Description (Check page 4 for insulator height, dimension D identification)		
3	1.5mm		
4	1.7mm		
5	2.0mm		
6	2.5mm		
Dimension A	Description (Check page 4 for dimension A identification)		
XY	Min 0.00mm ~ Max 15.0mm		
	Note: Refer to tables on page 3 for selecting the code for contact length		
Dimension B	Description (Check page 4 for dimension B identification)		
XY	Min 3.30mm ~ Max 15.0mm		
	Note: Refer to tables on page 3 for selecting the code for footprint length		
Dimension C	Description (Check page 4 for dimension C identification)		
XY	Min 0.68mm ~ Max 7.50mm		
	Note: Refer to tables on page 3 for selecting the code for dimension C		

Ordering Note:

- Refer to PS5 ordering guide for Type A pattern

Dimensions A, B, and C part number codes

Table 1

Dimensions 0.0mm to 9.9mm (X+Y)			
X Code	Whole No.	Y Code	Decimal
0	0	0	0.0
1	1	1	0.1
2	2	2	0.2
3	3	3	0.3
4	4	4	0.4
5	5	5	0.5
6	6	6	0.6
7	7	7	0.7
8	8	8	0.8
9	9	9	0.9

Table 1 Code Selection Examples					
Dimension Value (mm)			Part Numbering Code		
Value	Whole No.	Decimal	X Code	Y Code	Total Code
0.5	0	0.5	0	5	05
5.8	5	0.8	5	8	58
7.3	7	0.3	7	3	73
9.9	9	0.9	9	9	99

Table 2

Dimensions 10.0mm to 29.9mm (X+Y)			
X Code	Whole No.	Y Code	Decimal
0	10	A	0.0
1	12	B	0.1
2	14	C	0.2
		D	0.3
		E	0.4
		F	0.5
		G	0.6
		H	0.7
		J	0.8
		K	0.9
		L	1.0
		M	1.1
		N	1.2
		P	1.3
		Q	1.4
		R	1.5
		S	1.6
		T	1.7
		U	1.8
		V	1.9

Table 2 Code Selection Examples					
Dimension Value (mm)			Part Numbering Code		
Value	Whole No.	Decimal	X Code	Y Code	Total Code
10.0	10	0.0	0	A	0A
10.3	10	0.3	0	D	0D
13.2	12	1.2	1	N	1N
13.5	12	1.5	1	R	1R
14.4	14	0.4	2	E	2E
15.0	14	1.0	2	L	2L

Single Row - Type B

SEE PS5 ORDERING GUIDE FOR
TYPE A PATTERN

