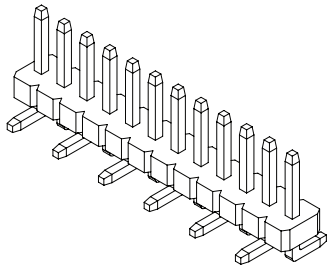
.050" [1.27 mm] Contact Centers, Male Headers, Straight/Right Angle/SMT

SPECIFICATIONS

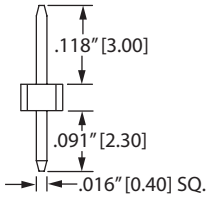
- Insulator Material: Nylon
- Contact Material: Brass
- Plating: Gold Flash Overall
- 1 Amp current rating
- UL Flammability Rating: 94V-0
- Stacker Options available - Consult factory



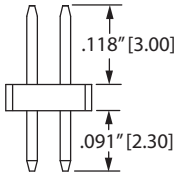
TERMINATION TYPE

SINGLE READOUT **DUAL READOUT**

STRAIGHT

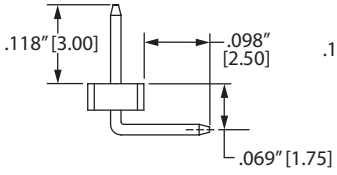


(VWVN)

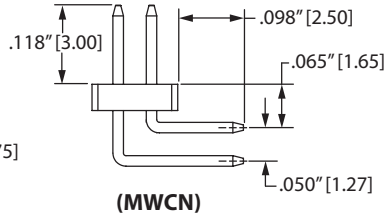


(VWVN)

RIGHT ANGLE

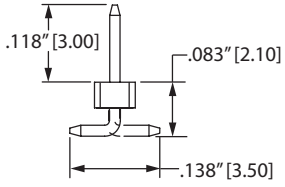


(VWCN)

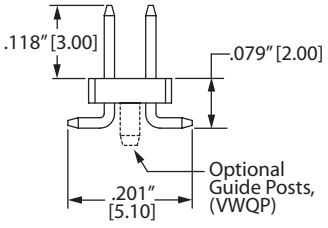


(MWCN)

SURFACE MOUNT (SMT)



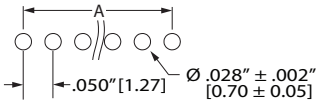
(VWTC, VWTD)



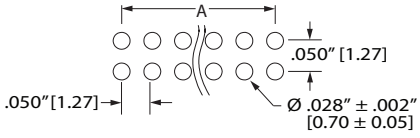
(VWQS), Without Guide Posts
(VWQP), With Guide Posts

PCB LAYOUT

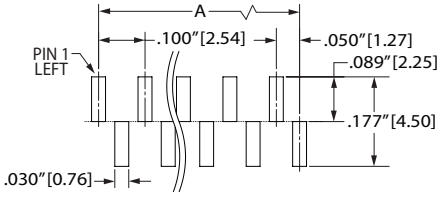
STRAIGHT (VWV)
RIGHT ANGLE (VWC)



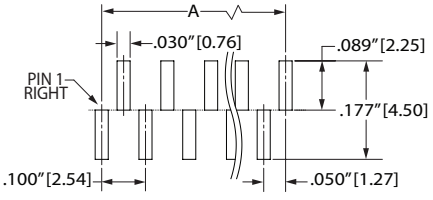
STRAIGHT (VWV)
RIGHT ANGLE (MWC)



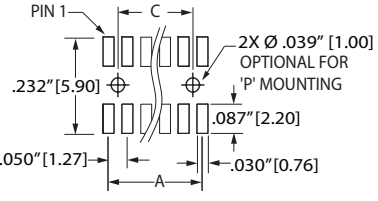
SURFACE MOUNT
PIN 1 LEFT (VWTC) STANDARD



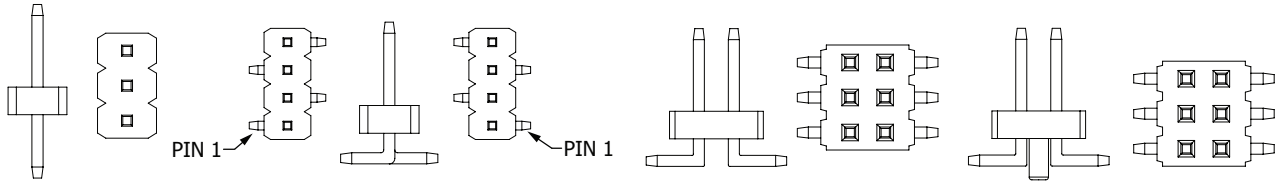
PIN 1 RIGHT (VWTD)



(VWQ)



MOUNTING STYLE



No Mounting, (N)

SMT, Pin 1 Left (C)
Standard

SMT

SMT, Pin 1 Right (D)
Only Even Positions

SMT, Without Guide Posts (S)

SMT, With Guide Posts (P)

PART NUMBER OPTIONS

G R P B xx 1 VWV N - RC

INSULATOR MATERIAL
G = Nylon

CONTACT MATERIAL
R = Brass

CONTACT FINISH - RoHS Compliant
P = Gold Flash Overall

CONTACT CENTERS
B = .050" [1.27 mm]

NUMBER OF POSITIONS

Positions Available	Termination
2 Thru 50	= VWC, VWQ, VWT, VWV
1 Thru 50	= MWC

NUMBER OF ROWS
1 = Single Row
2 = Dual Row

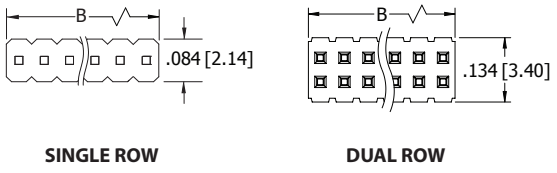
TERMINATION TYPE (Opposite Page)
VWV, VWC, MWC, VWT, VWQ

MOUNTING STYLE
N = No Mounting
C = Surface Mount, Pin 1 Left (Single Row Only)
D = Surface Mount, Pin 1 Right (Single Row on Even Positions Only)
S = Surface Mount without Guide Pins (Dual Row Only)
P = Surface Mount with Guide Posts (Dual Row Only)

RoHS COMPLIANT
Consult Factory For Modifications

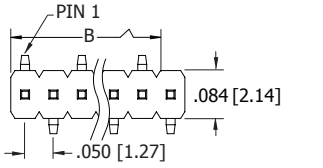
DIMENSIONS Dimensions in [ ] are in millimeters, all others are in inches.

STRAIGHT (SHOWN) & RIGHT ANGLE

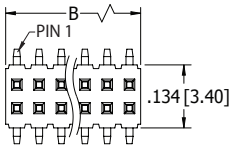


SINGLE ROW DUAL ROW

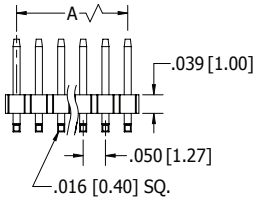
SURFACE MOUNT, PIN 1 LEFT, SINGLE ROW(SHOWN)



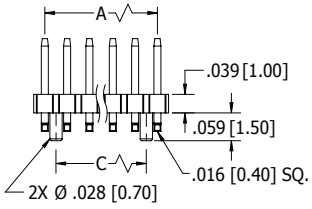
SURFACE MOUNT, DUAL ROW



WITHOUT GUIDE POSTS, (VWQS)



WITH GUIDE POSTS, (VWQP)



POSITIONS	NUMBER OF CONTACTS SINGLE/DUAL	A		B		C	
		in	mm	in	mm	in	mm
01	01/02	N/A	N/A	.050	1.27	N/A	
02	02/04	.050	1.27	.100	2.54		
03	03/06	.100	2.54	.150	3.81	.050	1.27
04	04/08	.150	3.81	.200	5.08	.100	2.54
05	05/10	.200	5.08	.250	6.35	.150	3.81
06	06/12	.250	6.35	.300	7.62	.200	5.08
07	07/14	.300	7.62	.350	8.89	.250	6.35
08	08/16	.350	8.89	.400	10.16	.300	7.62
09	09/18	.400	10.16	.450	11.43	.350	8.89
10	10/20	.450	11.43	.500	12.70	.400	10.16
11	11/22	.500	12.70	.550	13.97	.450	11.43
12	12/24	.550	13.97	.600	15.24	.500	12.70
13	13/26	.600	15.24	.650	16.51	.550	13.97
14	14/28	.650	16.51	.700	17.78	.600	15.24
15	15/30	.700	17.78	.750	19.05	.650	16.51
16	16/32	.750	19.05	.800	20.32	.700	17.78
17	17/34	.800	20.32	.850	21.59	.750	19.05
18	18/36	.850	21.59	.900	22.86	.800	20.32
19	19/38	.900	22.86	.950	24.13	.850	21.59
20	20/40	.950	24.13	1.000	25.40	.900	22.86
21	21/42	1.000	25.40	1.050	26.67	.950	24.13
22	22/44	1.050	26.67	1.100	27.94	1.000	25.40
23	23/46	1.100	27.94	1.150	29.21	1.050	26.67
24	24/48	1.150	29.21	1.200	30.48	1.100	27.94
25	25/50	1.200	30.48	1.250	31.75	1.150	29.21

POSITIONS	NUMBER OF CONTACTS SINGLE/DUAL	A		B		C	
		in	mm	in	mm	in	mm
26	26/52	1.250	31.75	1.300	33.02	1.200	30.48
27	27/54	1.300	33.02	1.350	34.29	1.250	31.75
28	28/56	1.350	34.29	1.400	35.56	1.300	33.02
29	29/58	1.400	35.56	1.450	36.83	1.350	34.29
30	30/60	1.450	36.83	1.500	38.10	1.400	35.56
31	31/62	1.500	38.10	1.550	39.37	1.450	36.83
32	32/64	1.550	39.37	1.600	40.64	1.500	38.10
33	33/66	1.600	40.64	1.650	41.91	1.550	39.37
34	34/68	1.650	41.91	1.700	43.18	1.600	40.64
35	35/70	1.700	43.18	1.750	44.45	1.650	41.91
36	36/72	1.750	44.45	1.800	45.72	1.700	43.18
37	37/74	1.800	45.72	1.850	46.99	1.750	44.45
38	38/76	1.850	46.99	1.900	48.26	1.800	45.72
39	39/78	1.900	48.26	1.950	49.53	1.850	46.99
40	40/80	1.950	49.53	2.000	50.80	1.900	48.26
41	41/82	2.000	50.80	2.050	52.07	1.950	49.53
42	42/84	2.050	52.07	2.100	53.34	2.000	50.80
43	43/86	2.100	53.34	2.150	54.61	2.050	52.07
44	44/88	2.150	54.61	2.200	55.88	2.100	53.34
45	45/90	2.200	55.88	2.250	57.15	2.150	54.61
46	46/92	2.250	57.15	2.300	58.42	2.200	55.88
47	47/94	2.300	58.42	2.350	59.69	2.250	57.15
48	48/96	2.350	59.69	2.400	60.96	2.300	58.42
49	49/98	2.400	60.96	2.450	62.23	2.350	59.69
50	50/100	2.450	62.23	2.500	63.50	2.400	60.96