



**THE DATASHEET OF  
GRPB032VWQP-RC**

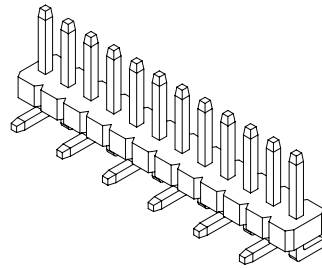




## .050" [1.27 mm] Contact Centers, Male Headers, Straight/Right Angle/SMT

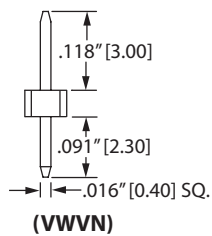
### SPECIFICATIONS

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

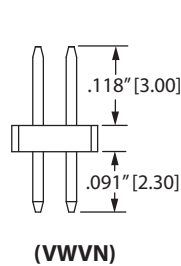


### TERMINATION TYPE

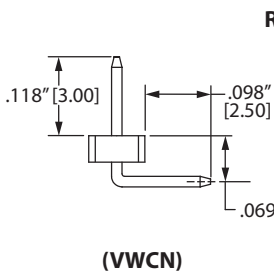
#### SINGLE READOUT



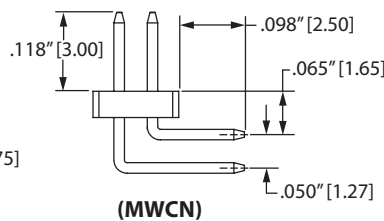
#### DUAL READOUT



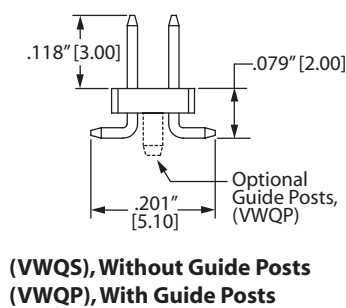
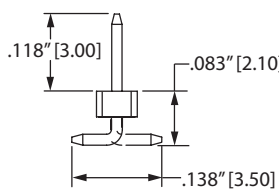
#### STRAIGHT



#### RIGHT ANGLE

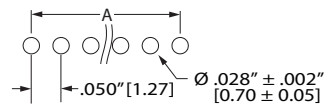


#### SURFACE MOUNT (SMT)

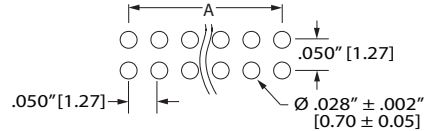


### PCB LAYOUT

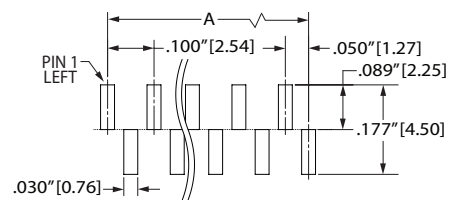
#### STRAIGHT (VWV) RIGHT ANGLE (VWC)



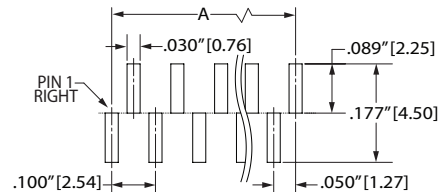
#### STRAIGHT (VWV) RIGHT ANGLE (MWC)



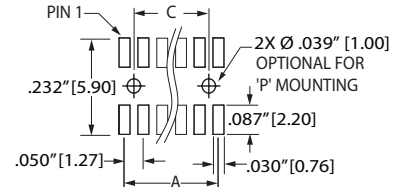
#### SURFACE MOUNT PIN 1 LEFT (VWTC) STANDARD



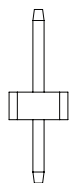
#### PIN 1 RIGHT (VWTD)



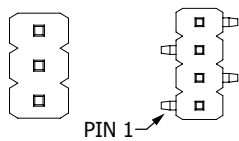
#### (VWQ)



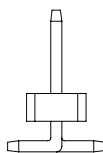
### MOUNTING STYLE



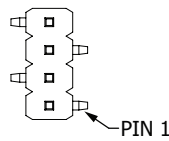
No Mounting, (N)



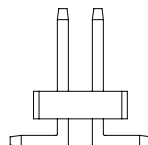
SMT, Pin 1 Left (C) Standard



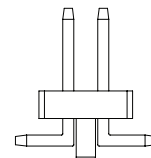
SMT



SMT, Pin 1 Right (D) Only Even Positions



SMT, Without Guide Posts (S)



SMT, With Guide Posts (P)



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

### PART NUMBER OPTIONS

**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

**RoHS COMPLIANT**  
Consult Factory For Modifications

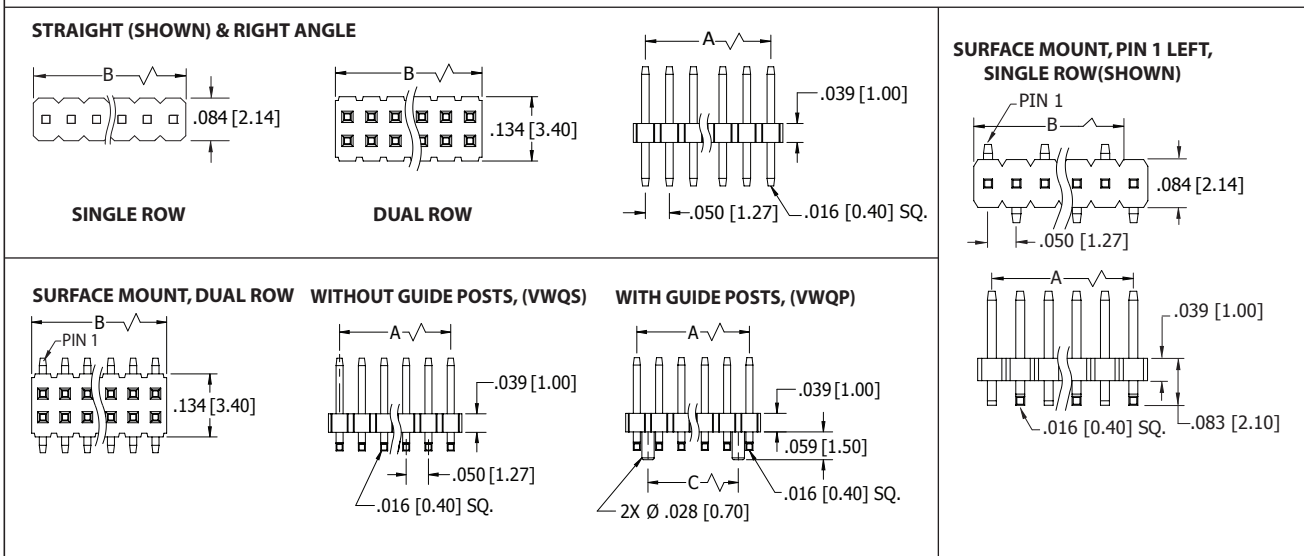
**MOUNTING STYLE**  
N = No Mounting  
C = Surface Mount, Pin 1 Left (Single Row Only)  
D = Surface Mount, Pin 1 Right (Single Row on Even Positions Only)  
S = Surface Mount without Guide Pins (Dual Row Only)  
P = Surface Mount with Guide Posts (Dual Row Only)

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

**NUMBER OF ROWS**  
1 = Single Row  
2 = Dual Row

**Part Number Example: G R P B xx 1 VWV N - RC**

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



POSITIONS	NUMBER OF CONTACTS SINGLE/DUAL	A		B		C		POSITIONS	NUMBER OF CONTACTS SINGLE/DUAL	A		B		C	
		in	mm	in	mm	in	mm			in	mm	in	mm	in	mm
01	01/02	N/A	N/A	.050	1.27	N/A		26	26/52	1.250	31.75	1.300	33.02	1.200	30.48
02	02/04	.050	1.27	.100	2.54	N/A		27	27/54	1.300	33.02	1.350	34.29	1.250	31.75
03	03/06	.100	2.54	.150	3.81	.050	1.27	28	28/56	1.350	34.29	1.400	35.56	1.300	33.02
04	04/08	.150	3.81	.200	5.08	.100	2.54	29	29/58	1.400	35.56	1.450	36.83	1.350	34.29
05	05/10	.200	5.08	.250	6.35	.150	3.81	30	30/60	1.450	36.83	1.500	38.10	1.400	35.56
06	06/12	.250	6.35	.300	7.62	.200	5.08	31	31/62	1.500	38.10	1.550	39.37	1.450	36.83
07	07/14	.300	7.62	.350	8.89	.250	6.35	32	32/64	1.550	39.37	1.600	40.64	1.500	38.10
08	08/16	.350	8.89	.400	10.16	.300	7.62	33	33/66	1.600	40.64	1.650	41.91	1.550	39.37
09	09/18	.400	10.16	.450	11.43	.350	8.89	34	34/68	1.650	41.91	1.700	43.18	1.600	40.64
10	10/20	.450	11.43	.500	12.70	.400	10.16	35	35/70	1.700	43.18	1.750	44.45	1.650	41.91
11	11/22	.500	12.70	.550	13.97	.450	11.43	36	36/72	1.750	44.45	1.800	45.72	1.700	43.18
12	12/24	.550	13.97	.600	15.24	.500	12.70	37	37/74	1.800	45.72	1.850	46.99	1.750	44.45
13	13/26	.600	15.24	.650	16.51	.550	13.97	38	38/76	1.850	46.99	1.900	48.26	1.800	45.72
14	14/28	.650	16.51	.700	17.78	.600	15.24	39	39/78	1.900	48.26	1.950	49.53	1.850	46.99
15	15/30	.700	17.78	.750	19.05	.650	16.51	40	40/80	1.950	49.53	2.000	50.80	1.900	48.26
16	16/32	.750	19.05	.800	20.32	.700	17.78	41	41/82	2.000	50.80	2.050	52.07	1.950	49.53
17	17/34	.800	20.32	.850	21.59	.750	19.05	42	42/84	2.050	52.07	2.100	53.34	2.000	50.80
18	18/36	.850	21.59	.900	22.86	.800	20.32	43	43/86	2.100	53.34	2.150	54.61	2.050	52.07
19	19/38	.900	22.86	.950	24.13	.850	21.59	44	44/88	2.150	54.61	2.200	55.88	2.100	53.34
20	20/40	.950	24.13	1.000	25.40	.900	22.86	45	45/90	2.200	55.88	2.250	57.15	2.150	54.61
21	21/42	1.000	25.40	1.050	26.67	.950	24.13	46	46/92	2.250	57.15	2.300	58.42	2.200	55.88
22	22/44	1.050	26.67	1.100	27.94	1.000	25.40	47	47/94	2.300	58.42	2.350	59.69	2.250	57.15
23	23/46	1.100	27.94	1.150	29.21	1.050	26.67	48	48/96	2.350	59.69	2.400	60.96	2.300	58.42
24	24/48	1.150	29.21	1.200	30.48	1.100	27.94	49	49/98	2.400	60.96	2.450	62.23	2.350	59.69
25	25/50	1.200	30.48	1.250	31.75	1.150	29.21	50	50/100	2.450	62.23	2.500	63.50	2.400	60.96

## Looking for pricing, stock, or lifecycle information?

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- ⊖ [Sullins Connector Solutions Information](#)

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