



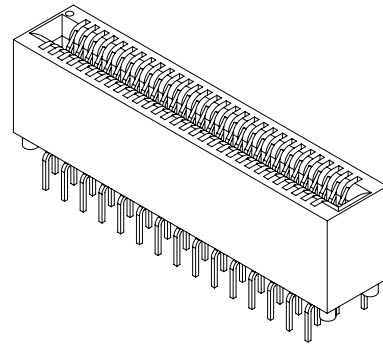
# High Density Card Edge

# SULLINS

**.050" [1.27 mm] Contact Centers, .488" [12.40 mm] Insulator Height, Ultra Thin, Dip Solder/Card Extender/SMT**

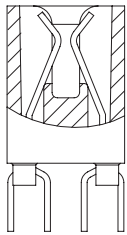
## SPECIFICATIONS

- Accommodates  $.062" \pm .008"$  [1.57 mm  $\pm$  0.20 mm] PC board
- PPS or PA9T insulator
- Contact Material: Phosphor Bronze, Beryllium Copper or Spinodal
- Molded-in key available
- 1 Amp current rating per contact for contacts fully energized
- UL Flammability Rating: 94V-0
- Operating Temperature: -65°C up to +200°C



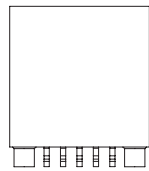
High Density Card Edge

## READOUT

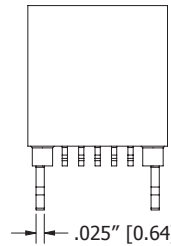


DUAL (D)

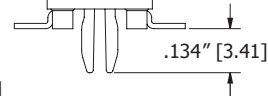
## MOUNTING STYLE



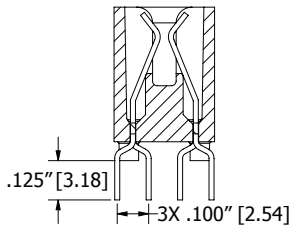
NO MOUNTING EARS (N)



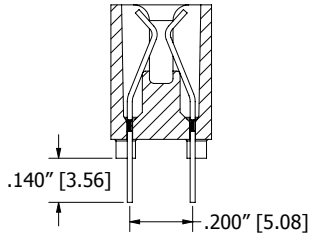
METAL BOARD LOCK (with no mounting ears) (R)



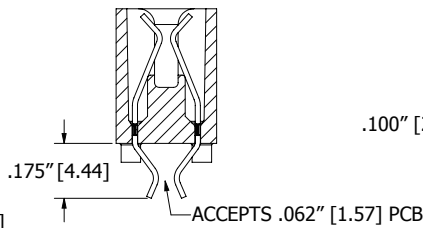
## TERMINATION TYPE



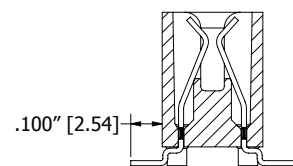
DIP SOLDER (YH)



DIP SOLDER (YS)

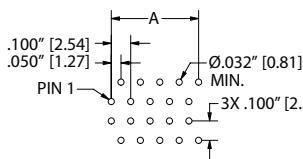


CARD EXTENDER (YR)

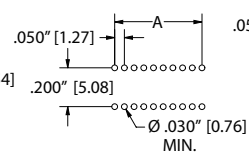


SURFACE MOUNT (YF)

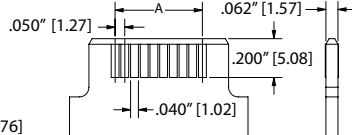
## PCB LAYOUT



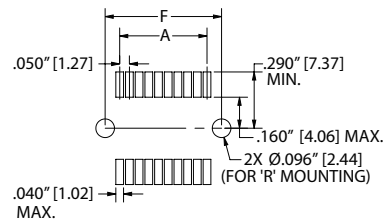
PCB LAYOUT (YH)



PCB LAYOUT (YS)



PCB LAYOUT (YR)



PCB LAYOUT (YF)



### PART NUMBER OPTIONS

**G C B 20 D YH N - S1355**

**MATERIALS (INSULATOR/CONTACT)**  
 R = PPS/Phosphor Bronze  
 G = PA9T/Phosphor Bronze  
 A = PPS/Beryllium Copper  
 J = PA9T/Beryllium Copper  
 F = PPS/Spinodal\*\*  
 Refer to Page 7 for Operating/Processing Temperatures

**CONTACT FINISH - RoHS Compliant**  
 All platings are Lead Free and have .000050" Nickel underplate

Contact Surface	Termination
B = .000010" Gold	.000100" Pure Tin, Matte
C = .000030" Gold	.000100" Pure Tin, Matte
M = .000030" Gold	.000010" Gold Overall

**CONTACT CENTERS**  
 B = .050" [1.27 mm]

**NUMBER OF CONTACT POSITIONS**  
 See Chart Below

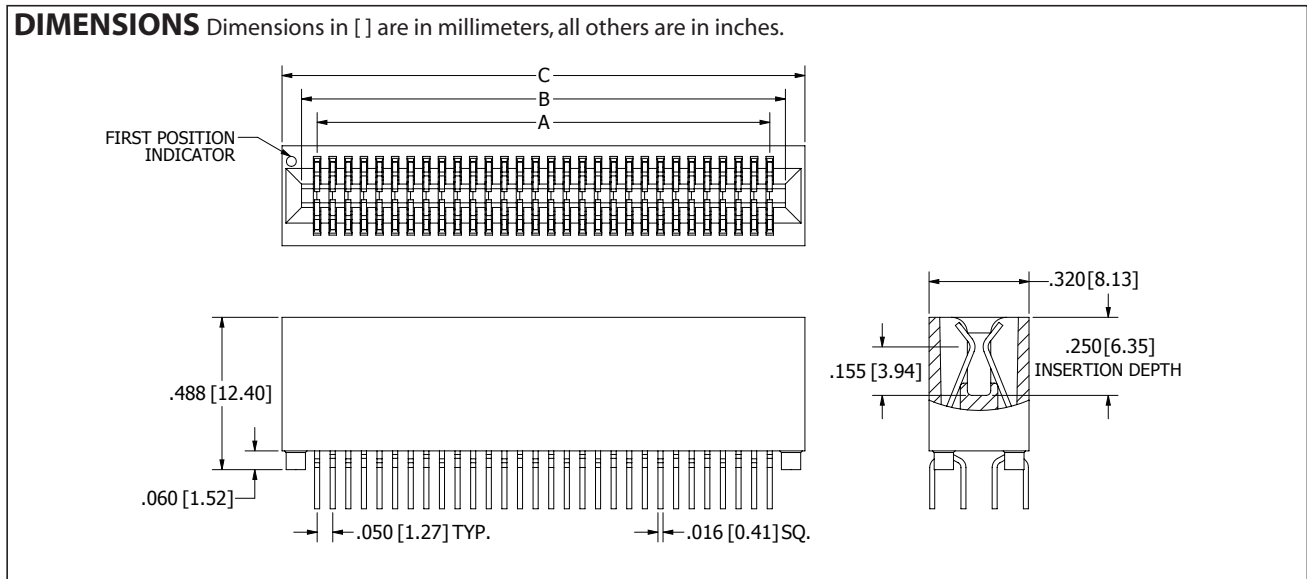
**MODIFICATION CODE (Consult Factory)**  
 S1355 = for YH Termination Only  
 S1675 = for YS, YR & YF Terminations

**MOUNTING STYLE**  
 N = No Mounting  
 R = Metal Board Locks (for YF Termination Only)

**TERMINATION TYPE (See Opposite Page)**  
 YH = Dip Solder, Alternate Bent In & Out  
 YS = Dip Solder  
 YR = Card Extender  
 YF = Surface Mount

**READOUT**  
 D = Dual

\*\*Consult factory for special soldering guidelines. 'M' plating only.



POSITIONS/ CONTACTS	INCHES				MILLIMETERS			
	A±.005	B±.005	C±.015	F±.010	A±0.13	B±0.13	C±0.38	F±0.25
5/10	0.200	0.300	0.425	0.350	5.08	7.62	10.80	8.89
6/12*	0.250	0.350	0.475	0.400	6.35	8.89	12.07	10.16
10/20*	0.450	0.550	0.675	0.600	11.43	13.97	17.15	15.24
15/30	0.700	0.800	0.925	0.850	17.78	20.32	23.50	21.59
20/40	0.950	1.050	1.175	1.100	24.13	26.67	29.85	27.94
25/50*	1.200	1.300	1.425	1.350	30.48	33.02	36.20	34.29
30/60	1.450	1.550	1.675	1.600	36.83	39.37	42.55	40.64
40/80	1.950	2.050	2.175	2.100	49.53	52.07	55.25	53.34
50/100	2.450	2.550	2.675	2.600	62.23	64.77	67.95	66.04
79/158	3.900	4.000	4.125	4.050	99.06	101.60	104.78	102.87

\* Consult factory for availability.