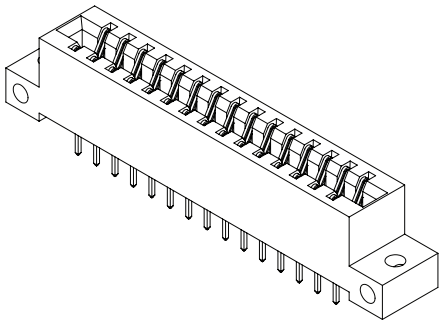
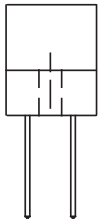
.156" [3.96 mm] Contact Centers, .610" [15.49 mm] Insulator Height, Dip Solder/Wire Wrap/Right Angle for .093"[2.36 mm] or .125"[3.18 mm] Mating PCB

SPECIFICATIONS

- Accommodates .093" ± .008" [2.36 mm ± 0.20 mm] or .125" ± .008" [3.18 mm ± 0.20 mm] mating PCB (Consult factory for .031" ± .006" [0.79 mm ± 0.15 mm] PC boards)
- PBT, PPS or PA9T insulator
- Molded-in key available
- 3 Amps current rating for one contact energized
- 30 milli Ohms maximum at rated current
- UL Flammability Rating: 94V-0

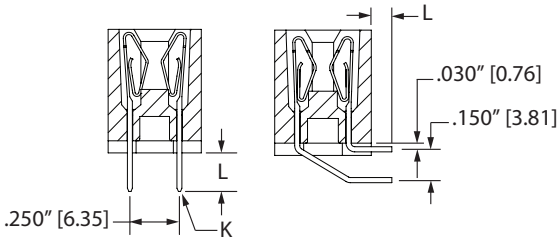


READOUT



DUAL (D)

TERMINATION TYPE

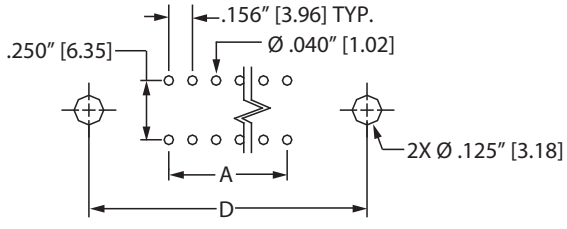


LOOP BELLOWS (RS, RM)

RIGHT ANGLE DIP SOLDER (TA, TB, TM)

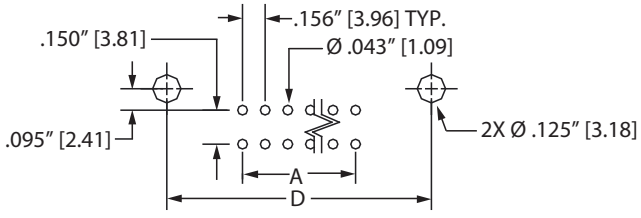
TERMINATION TYPE		POST CROSS SECTION (K)	POST LENGTH L ± .025"[0.64]	FITS MIN. HOLE SIZE
RS	Dip Solder	.025" [0.64] SQUARE	.190" [4.83]	.040" [1.02]
RM	Wire Wrap	.025" [0.64] SQUARE	.560" [14.20]	.040" [1.02]
TA	Right Angle	.025" [0.64] SQUARE	.100" [2.54]	.043" [1.09]
TB	Right Angle	.025" [0.64] SQUARE	.180" [4.57]	.043" [1.09]
TM	Right Angle	.025" [0.64] SQUARE	.250" [6.35]	.043" [1.09]

PCB LAYOUT



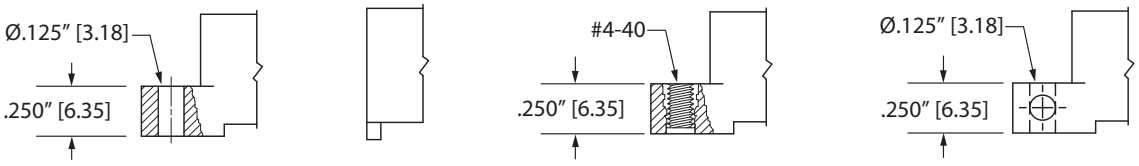
STRAIGHT PIN TERMINATIONS (RS, RM)

COMPONENT SIDE



RIGHT ANGLE TERMINATIONS (TA, TB, TM)

MOUNTING STYLE



FLUSH MOUNTING (D)

NO MOUNTING EARS (N)

FLUSH MOUNTING WITH THREADED INSERT (T)

FLUSH MOUNTING WITH SIDE HOLES (Z)

.156" [3.96 mm] Contact Centers, .610" [15.49 mm] Insulator Height, Dip Solder/Wire Wrap/Right Angle for .093" [2.36 mm] or .125" [3.18 mm] Mating PCB

PART NUMBER OPTIONS

E B M 43 D RM D - S273

MATERIALS (INSULATOR/CONTACT)
E = PBT/Phosphor Bronze (Standard)
R = PPS/Phosphor Bronze
G = PA9T/Phosphor Bronze
H = PBT/ Beryllium Copper
A = PPS/Beryllium Copper
J = PA9T/Beryllium Copper
(Consult factory for other materials.)
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
G =	.000010" Gold	.000005" Gold
Y =	.000030" Gold	.000005" Gold
	Contact Surface	**Overall Plating**
S =	.000010" Gold	.000010" Gold
M =	.000030" Gold	.000010" Gold
E =	.000100" Pure Tin, Matte	.000100" Pure Tin, Matte

CONTACT CENTERS
M = .156" [3.96 mm]

MODIFICATION CODE (Consult Factory)
-S273 = FOR .093" ± .008" [2.36 mm ± 0.20 mm] THICK MATING PCB
-S664 = FOR .125" ± .008" [3.18 mm ± 0.20 mm] THICK MATING PCB

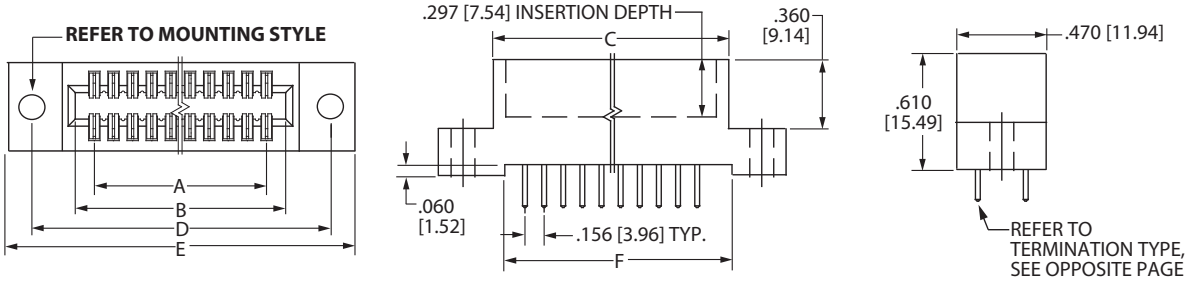
MOUNTING STYLE (Opposite Page)
N = No Mounting
D = Flush Mounting
T = Flush Mounting With Threaded Inserts
Z = Flush Mounting With Side Holes

TERMINATION TYPE (Opposite Page)
RS = .025" [0.64 mm] Square Dip Solder
RM = .025" [0.64 mm] Square Wire Wrap
TA, TB, TM = .025" [0.64 mm] Square Right Angle

READOUT (Opposite Page)
D = Dual

NUMBER OF CONTACT POSITIONS
See Chart Below

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



Tolerances on non-critical dimensions may very slightly due to shrinkage differential per insulator material; Consult factory.

POSITIONS/ CONTACTS	INCHES						MILLIMETERS					
	A±.008	B±.008	C±.015	D±.010	E±.020	F±.015	A±0.20	B±0.20	C±0.38	D±0.25	E±0.51	F±0.38
06/12	0.780	1.102	1.221	1.534	1.784	1.104	19.81	27.99	31.01	38.96	45.31	28.04
08/16*	1.092	1.414	1.533	1.846	2.096	1.416	27.74	35.92	38.94	46.89	53.24	35.97
10/20	1.404	1.726	1.845	2.158	2.408	1.728	35.66	43.84	46.86	54.81	61.16	43.89
12/24	1.716	2.038	2.157	2.470	2.720	2.040	43.59	51.77	54.79	62.74	69.09	51.82
15/30	2.184	2.506	2.625	2.938	3.188	2.508	55.47	63.65	66.68	74.63	80.98	63.70
18/36	2.652	2.974	3.093	3.406	3.656	2.976	67.36	75.54	78.56	86.51	92.86	75.59
20/40	2.964	3.286	3.405	3.718	3.968	3.288	75.29	83.46	86.49	94.44	100.79	83.52
22/44	3.276	3.598	3.717	4.030	4.280	3.600	83.21	91.39	94.41	102.36	108.71	91.44
24/48*	3.588	3.910	4.029	4.342	4.592	3.912	91.14	99.31	102.34	110.29	116.64	99.37
25/50*	3.744	4.066	4.185	4.498	4.748	4.068	95.10	103.28	106.30	114.25	120.60	103.33
28/56*	4.212	4.534	4.653	4.966	5.216	4.536	106.98	115.16	118.19	126.14	132.49	115.21
30/60*	4.524	4.846	4.965	5.278	5.528	4.848	114.91	123.09	126.11	134.06	140.41	123.14
31/62*	4.680	5.002	5.121	5.434	5.684	5.004	118.87	127.05	130.07	138.02	144.37	127.10
32/64	4.836	5.158	5.277	5.590	5.840	5.160	122.83	131.01	134.04	141.99	148.34	131.06
36/72	5.460	5.782	5.901	6.214	6.464	5.784	138.68	146.86	149.89	157.84	164.19	146.91
40/80*	6.084	6.406	6.525	6.838	7.088	6.408	154.53	162.71	165.74	173.69	180.04	162.76
43/86*	6.552	6.874	6.993	7.306	7.556	6.876	166.42	174.60	177.62	185.57	191.92	174.65

* Consult factory for availability.