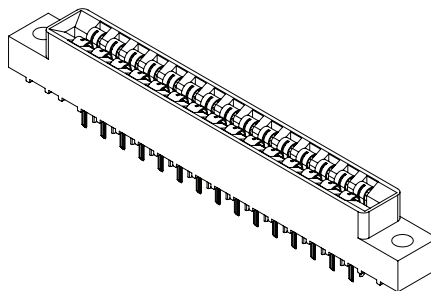




.156" [3.96 mm] Contact Centers, .431" [10.95 mm] Insulator Height, Dip Solder/Eyelet/Right Angle

SPECIFICATIONS

- Accommodates .062" $\pm$.008" [1.57 mm $\pm$ 0.20 mm] PC board
- Molded-in key available
- 3 Amps current rating for one contact energized
(for 5 Amps application, consult factory)
- 30 milli Ohms maximum at rated current
- UL Flammability Rating: 94V-0



READOUT



POLARIZING KEY



TERMINATION TYPE

EYELET ACCEPTS 3-#22 AWG



ALTERNATE EYELET SHAPE

* (RE) .014" [0.36] THICK

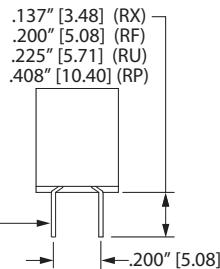


(SE) .007" [0.18] THICK
(RE) .014" [0.36] THICK

EYELET (SE OR RE)

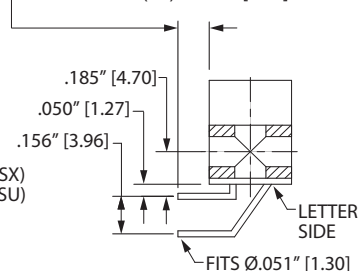


NARROW DIP SOLDER (RT, RK, RY)



WIDE DIP SOLDER (RF, RX, RU, RP)

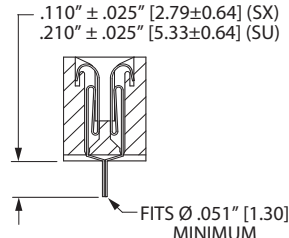
(RA) .125" [3.18] FOR ALL POSITIONS
(SA) .270" [6.85] 02 THRU 25 POSITIONS
(SA) .230" [5.84] 28 THRU 36 POSITIONS
(SA) .190" [4.82] 43 POSITIONS
TOLERANCE: (RA) $\pm$.025" [0.64]
(SA) $\pm$.040" [1.00]



RIGHT ANGLE, DIP SOLDER (RA, SA)

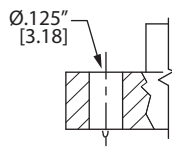


CARD EXTENDER (RT, RK, RY, SE TERMINATIONS ONLY) REQUIRES -S13 MODIFICATION CODE

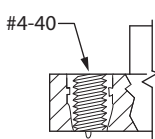


CENTERED DIP SOLDER (SX, SU) AVAILABLE WITH DUAL OR HALF LOADED READOUT TYPE

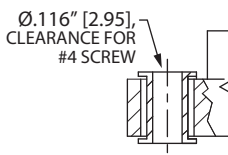
MOUNTING STYLE



CLEARANCE HOLE (H)



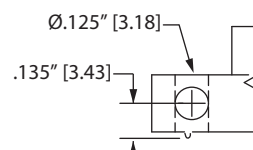
THREADED INSERT (I)



FLOATING BOBBIN (F)



NO MOUNTING EARS (N)



SIDE MOUNTING (S)

* Beryllium Copper & Beryllium Nickel (H, A, J, F, C & W Material Codes) Only.



**.156" [3.96 mm] Contact Centers, .431" [10.95 mm] Insulator Height,
Dip Solder/Eyelet/Right Angle**

PART NUMBER OPTIONS

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
*F = PPS/Spinodal (Overall Gold Plating Only)
Consult Factory for Special Soldering Guidelines
*C = PPS/Beryllium Nickel (Overall Gold Plating Only)
*W = PEEK/Beryllium Nickel (Overall Gold Plating Only)
*Consult factory for availability.
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]

NUMBER OF CONTACT POSITIONS

See Chart Below

E B M 43 D RK H - Sxxx

MODIFICATION CODE (Consult Factory)
OMIT FOR STANDARD

-S13 = Card Extender Accepts .062" [1.57 mm] PCB
(RT, RK, RY, SE Terminations Only)

MOUNTING STYLE (Opposite Page)

H = .125" [3.18 mm] Clearance Holes
N = No Mounting
S = Side Mounting
I = Threaded Insert
F = Floating Bobbin

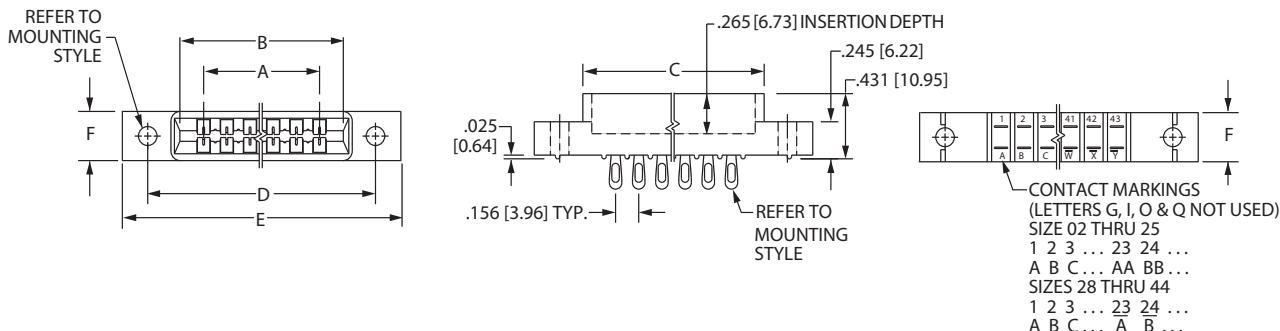
TERMINATION TYPE (Opposite Page)

RA = .125" [3.18 mm] Right Angle Dip Solder
SA = Long Right Angle Dip Solder
RT = .140" X .137" [3.56 mm X 3.48 mm] Dip Solder
RK = .140" X .225" [3.56 mm X 5.72 mm] Dip Solder
RY = .140" X .425" [3.56 mm X 10.80 mm] Dip Solder
RX = .200" X .137" [5.08 mm X 3.48 mm] Dip Solder
RF = .200" X .200" [5.08 mm X 5.08 mm] Dip Solder
RU = .200" X .225" [5.08 mm X 5.72 mm] Dip Solder
RP = .200" X .408" [5.08 mm X 10.36 mm] Dip Solder
SX = .110" [2.79 mm] Centered Dip Solder
SU = .210" [5.33 mm] Centered Dip Solder
SE = .007" [0.18 mm] Thick Eyelet
RE = .014" [0.36 mm] Thick Eyelet

READOUT (Opposite Page)

D = Dual
D = Dual Row/ Crimp to Center for
Single Readout (SX, SU Termination Only)
H = Half Loaded

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



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

POSITIONS/ CONTACTS	INCHES						MILLIMETERS					
	A±.008	B±.008	C±.015	D±.010	E MAX	F+.005/-0.015	A±0.20	B±0.20	C±0.38	D±0.25	E MAX	F+0.13/-0.38
02/04	0.156	0.476	0.596	'N' MOUNTING	1.902	0.325	3.96	12.09	15.14	'N' MOUNTING	8.26	12.70
03/06	0.312	0.632	0.752				7.92	16.05	19.10			
04/08*	0.468	0.788	0.908				11.89	20.02	23.06			
06/12	0.780	1.100	1.220				19.81	27.94	30.99	38.94	48.31	
07/14	0.936	1.256	1.376	1.689	2.058		23.77	31.90	34.95	42.90	52.27	
08/16	1.092	1.412	1.532	1.845	2.214		27.74	35.86	38.91	46.86	56.24	
10/20	1.404	1.724	1.844	2.157	2.526		35.66	43.79	46.84	54.79	64.16	
11/22	1.560	1.880	2.000	2.313	2.682		39.62	47.75	50.80	58.75	68.12	
12/24	1.716	2.036	2.156	2.469	2.838		43.59	51.71	54.76	62.71	72.09	
15/30	2.184	2.504	2.624	2.937	3.306		55.47	63.60	66.65	74.60	83.97	
18/36	2.652	2.972	3.092	3.405	3.774		67.36	75.49	78.54	86.49	95.86	
22/44	3.276	3.596	3.716	4.029	4.398		83.21	91.34	94.39	102.34	111.71	
24/48	3.588	3.908	4.028	4.341	4.710		91.14	99.26	102.31	110.26	119.63	
25/50	3.744	4.064	4.184	4.497	4.866		95.10	103.23	106.27	114.22	123.60	
28/56	4.212	4.532	4.652	4.965	5.334	0.438	106.98	115.11	118.16	126.11	135.48	11.13
36/72	5.460	5.780	5.900	6.213	6.582		138.68	146.81	149.86	157.81	167.18	
43/86	6.552	6.872	6.992	7.305	7.674	0.500	166.42	174.55	177.60	185.55	194.92	12.70
44/88	6.708	7.028	7.148	7.461	7.830		170.38	178.51	181.56	189.51	198.88	

* Consult factory for availability.