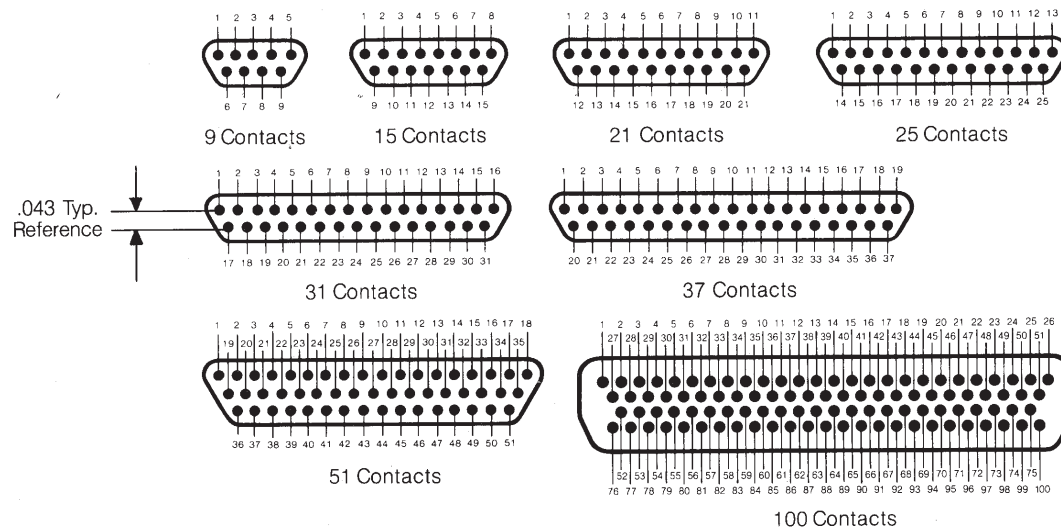


Contact Arrangements

(Face view of pin insert)

(Use reverse order for socket side)



Ordering Information

Cinch Dura-Con D Connector **DC D M 37 P 6 E 2-18.0 K N**

Insulator Type
 C = Diallyl Phthalate
 Glass-Reinforced
 D = Thermoplastic
 Glass-Reinforced

Mounting Type
 M = Screw Mount Metal Shell

No. of Contacts
 9, 15, 21, 25, 31, 37, 51, 100

Contact Type
 P = Pin (Plug)
 S = Socket (Receptacle)

Wire Size in AWG
 5 = 25 AWG Solid Copper
 6 = 26 AWG Stranded
 S = Solder cup
 (Skip to Mounting Hardware)

Wire Type
 C = Solid Copper (Uninsulated)
 E = MIL-W-16878/4, 7 Strand
 (Consult factory for non-standard wire types)

Shell Plating
 *No Letter = Yellow Chromate over Cadmium
 N = Electroless Nickel

Mounting Hardware**
 B = No Hardware
 F = Float Mount
 R = Reverse Float Mount
 K = Jackscrew (Standard)
 L = Jackscrew (Low Profile)
 P = Jackpost, Size 9 through 51
 MIL-C-83513/5-07
 Size 100 MIL-C-83513/5-17

Lead Length in inches***
 00.5 Solid copper wire only
 01.0 Solid copper wire only
 02.0 Solid copper wire only
 18.0 Stranded wire only
 24.0 Stranded wire only
 36.0 Stranded wire only
 48.0 Stranded wire only

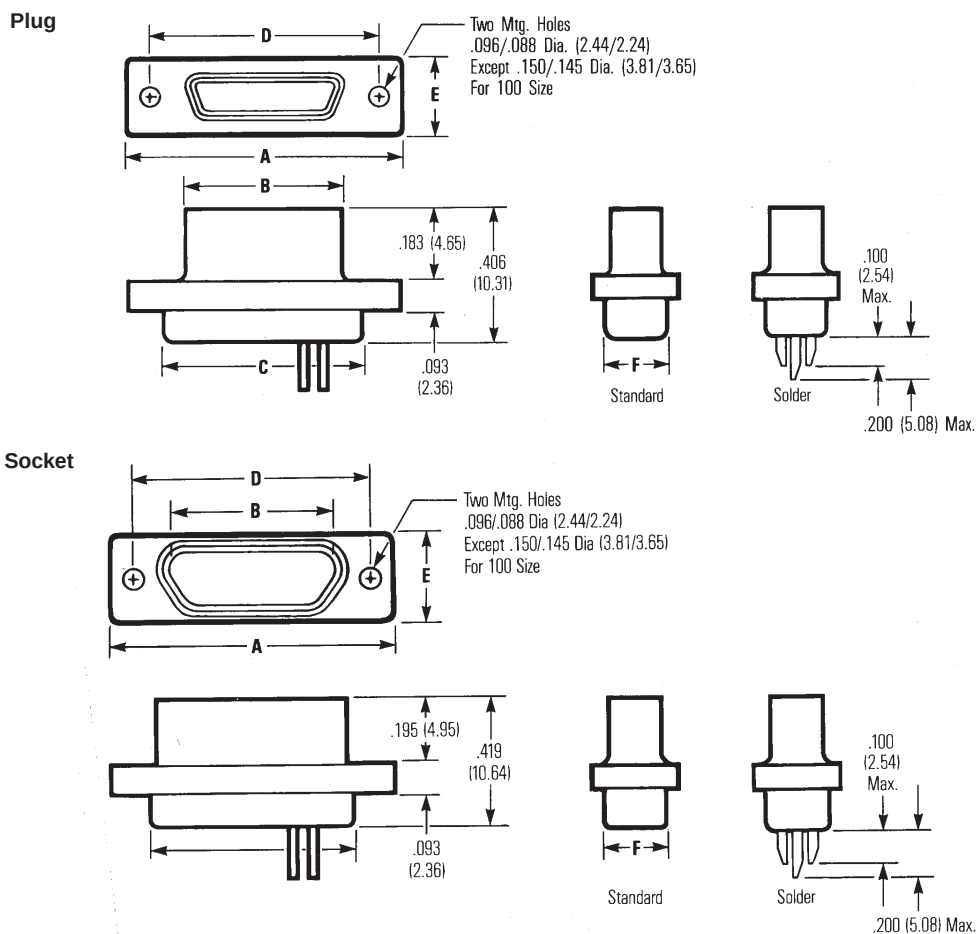
Insulation Color or Wire Finish
 1 = White
 *2 = Yellow (Stranded Wire)
 3 = Tin-Plated
 *4 = Gold-Plated (Solid Wire)
 *5 = Color Coded Per MIL-Std. 681, System 1. (Stranded Wire Only)

* - Indicates Cinch std. option.

** - See p. 5-12 for std. hardware dims. See p. 5-13 for non-std. hardware & p. 5-31 for Mil spec. hardware both sold separately.

*** - Length Tolerance: solid wire = $\pm 3/32"$, standard wire = $\pm 1/4"$.

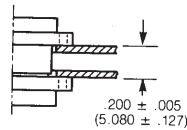
Connector Dimensions - Metal Shell



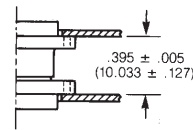
	A		B Max.		C		D		E		F Max.	
No. of	± .010 (.254)				+.010 (.254) -.018 (.457)		± .005 (.127)		± .010 (.254)			
Contacts	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 Plug	.775	19.68	.333	8.46	.390	9.91	.565	14.35	.298	7.57	.270	6.86
9 Socket	.775	19.68	.396	10.06	.390	9.91	.565	14.35	.298	7.57	.270	6.86
15 Plug	.925	23.50	.483	12.27	.540	13.72	.715	18.16	.298	7.57	.270	6.86
15 Socket	.925	23.50	.546	13.87	.540	13.72	.715	18.16	.298	7.57	.270	6.86
21 Plug	1.075	27.30	.633	16.08	.690	17.53	.865	21.97	.298	7.57	.270	6.86
21 Socket	1.075	27.30	.696	17.68	.690	17.53	.865	21.97	.298	7.57	.270	6.86
25 Plug	1.175	29.84	.733	18.62	.790	20.07	.965	24.51	.298	7.57	.270	6.86
25 Socket	1.175	29.84	.796	20.22	.790	20.07	.965	24.51	.298	7.57	.270	6.86
31 Plug	1.325	33.66	.883	21.16	.940	23.88	1.115	28.32	.298	7.57	.270	6.86
31 Socket	1.325	33.66	.946	24.03	.940	23.88	1.115	28.32	.298	7.57	.270	6.86
37 Plug	1.475	37.46	1.033	26.24	1.090	27.69	1.265	32.13	.298	7.57	.270	6.86
37 Socket	1.475	37.46	1.096	27.84	1.090	27.69	1.265	32.13	.298	7.57	.270	6.86
51 Plug	1.425	36.20	.983	24.97	1.040	26.42	1.215	30.86	.341	8.66	.310	7.87
51 Socket	1.425	36.20	1.046	26.57	1.040	26.42	1.215	30.86	.341	8.66	.310	7.87
100 Plug	2.160	54.86	1.383	35.13	1.432	36.38	1.800	45.71	.384	9.75	.360	9.15
100 Socket	2.160	54.86	1.446	36.73	1.432	36.38	1.800	45.71	.384	9.75	.360	9.15

Panel Mounting Dimensions

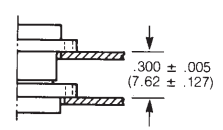
Pin and socket,
rear mounted



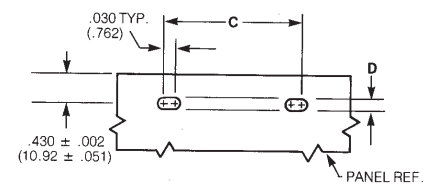
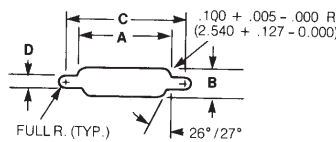
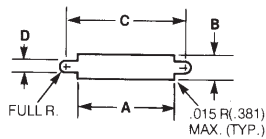
Pin and socket,
front mounted



Pin, front mounted
Socket, rear mounted

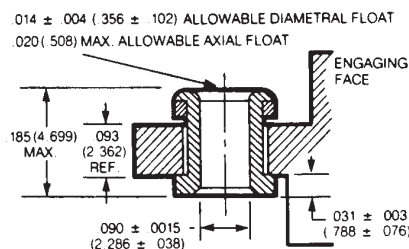


Panel Cutout Dimensions



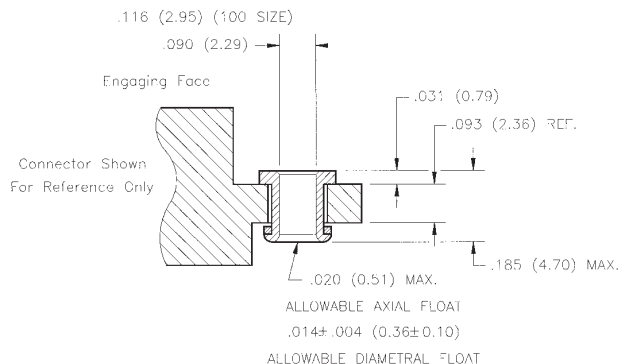
No. of Contacts	Figure Number	A		B		C		D	
		+ .004 - .000	(.101) (.000)	+ .004 - .000	(.101) (.000)	+ .005 - .000	(.127) (.000)	+ .005 - .000	(.127) (.000)
9	1	.408	10.36	.270	6.86	.570	14.48	-	-
	2	.408	10.36	.256	6.50	.570	14.48	.089	2.26
	3	-	-	-	-	.570	14.48	-	-
15	1	.558	14.17	.270	6.86	.720	18.29	-	-
	2	.558	14.17	.256	6.50	.720	18.29	.089	2.26
	3	-	-	-	-	.720	18.29	-	-
21	1	.708	17.98	.270	6.86	.870	22.10	-	-
	2	.708	17.98	.256	6.50	.870	22.10	.089	2.26
	3	-	-	-	-	.870	22.10	-	-
25	1	.808	20.52	.270	6.86	.970	24.64	-	-
	2	.808	20.52	.256	6.50	.970	24.64	.089	2.26
	3	-	-	-	-	.970	24.64	-	-
31	1	.958	24.33	.270	6.86	1.120	28.45	-	-
	2	.958	24.33	.256	6.50	1.120	28.45	.089	2.26
	3	-	-	-	-	1.120	28.45	-	-
37	1	1.108	28.14	.270	6.86	1.270	32.26	-	-
	2	1.108	28.14	.256	6.50	1.270	32.26	.089	2.26
	3	-	-	-	-	1.270	32.26	-	-
51	1	1.058	26.87	.315	8.00	1.220	30.99	-	-
	2	1.058	26.87	.300	7.62	1.220	30.99	.089	2.26
	3	-	-	-	-	1.220	30.99	-	-
100	1	1.450	36.84	.361	9.17	1.805	45.86	.117	2.97
	2	1.562	39.68	.338	8.58	1.805	45.86	.117	2.97
	3	-	-	-	-	1.805	45.86	.117	2.97

Mounting Hardware
For Plastic & Metal Shell
Dura-Con Connectors



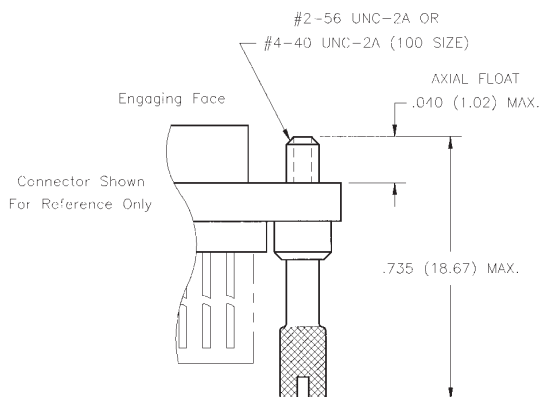
Float Mounting

Option "F"



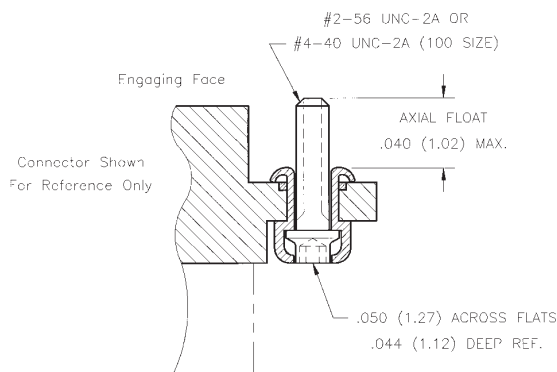
Reversed Float Mounting

Option "R"



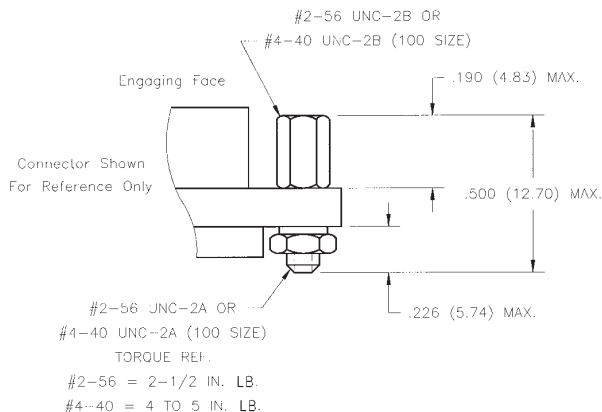
Standard Jackscrew

Option "K"



Low Profile Jackscrew

Option "L"



Removable Jackpost

Option "P"