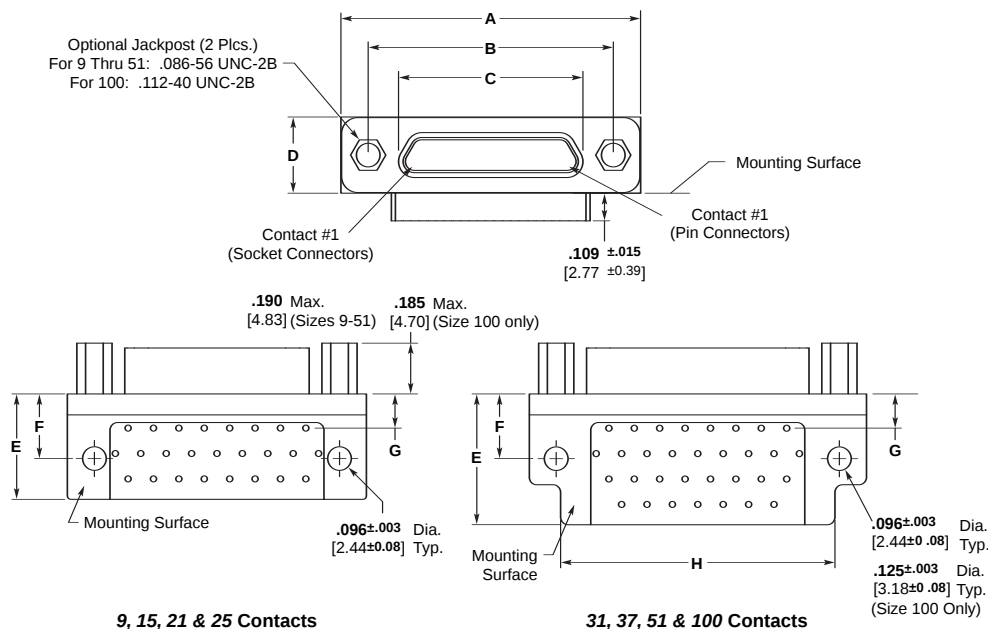


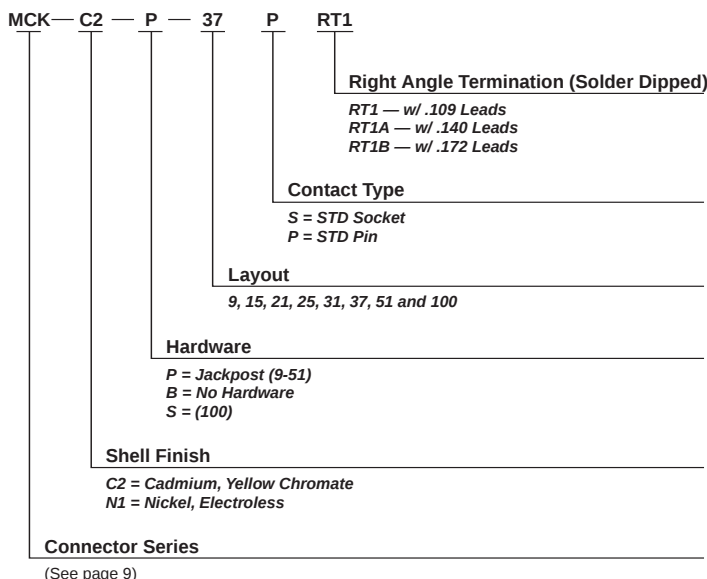
RT1 — Right-Angle Termination Configuration



MIL-DTL-83513/10 through /21 configurations. 90° — Lo Profile termination configurations. See pages 31-35 for M83513 cross references.



How To Specify



Notes:

1. For terminal identification see page 18.
2. Grid pattern for all configurations is .100 x .100 [2.54 x 2.54].
3. Lead lengths shown are for RT1.
4. **Items in bold italic are qualified to MIL-DTL-83513.**

**RT1 — Right-Angle
Termination Configuration**

(Continued)

Part Number	A Max.	B ± .005 [.127]	C Max.	D Max.	E Max.	F +.010 [.254]	G +.010 [.254]	H Max.
<i>MCK-**-*- 9PRT1</i>	<i>.787</i> 19.99	<i>.565</i> 14.35	<i>.3338</i> 8.48	<i>.308</i> 7.83	<i>.425</i> 10.80	<i>.250</i> 6.35	<i>.230</i> 5.84	—
<i>MCK-**-*- 9SRT1</i>	<i>.787</i> 19.99	<i>.565</i> 14.35	<i>.4018</i> 10.21	<i>.308</i> 7.83	<i>.425</i> 10.80	<i>.250</i> 6.35	<i>.230</i> 5.84	—
<i>MCK-**-*- 15PRT1</i>	<i>.937</i> 23.80	<i>.715</i> 18.16	<i>.4838</i> 12.29	<i>.308</i> 7.83	<i>.425</i> 10.80	<i>.250</i> 6.35	<i>.130</i> 3.30	—
<i>MCK-**-*- 15SRT1</i>	<i>.937</i> 23.80	<i>.715</i> 18.16	<i>.5518</i> 14.02	<i>.308</i> 7.83	<i>.425</i> 10.80	<i>.250</i> 6.35	<i>.130</i> 3.30	—
<i>MCK-**-*- 21PRT1</i>	<i>1.087</i> 27.61	<i>.865</i> 21.97	<i>.6338</i> 16.10	<i>.308</i> 7.83	<i>.425</i> 10.80	<i>.250</i> 6.35	<i>.130</i> 3.30	—
<i>MCK-**-*- 21SRT1</i>	<i>1.087</i> 27.61	<i>.865</i> 21.97	<i>.7018</i> 17.83	<i>.308</i> 7.83	<i>.425</i> 10.80	<i>.250</i> 6.35	<i>.130</i> 3.30	—
<i>MCK-**-*- 25PRT1</i>	<i>1.187</i> 30.15	<i>.965</i> 24.51	<i>.7338</i> 18.64	<i>.308</i> 7.83	<i>.425</i> 10.80	<i>.250</i> 6.35	<i>.130</i> 3.30	—
<i>MCK-**-*- 25SRT1</i>	<i>1.187</i> 30.15	<i>.965</i> 24.51	<i>.8018</i> 20.37	<i>.308</i> 7.83	<i>.425</i> 10.80	<i>.250</i> 6.35	<i>.130</i> 3.30	—
<i>MCK-**-*- 31PRT1</i>	<i>1.337</i> 33.96	<i>1.115</i> 28.32	<i>.8838</i> 22.45	<i>.308</i> 7.83	<i>.525</i> 13.34	<i>.250</i> 6.35	<i>.130</i> 3.30	<i>1.090</i> 27.69
<i>MCK-**-*- 31SRT1</i>	<i>1.337</i> 33.96	<i>1.115</i> 28.32	<i>.9518</i> 24.18	<i>.308</i> 7.83	<i>.525</i> 13.34	<i>.250</i> 6.35	<i>.130</i> 3.30	<i>1.090</i> 27.69
<i>MCK-**-*- 37PRT1</i>	<i>1.487</i> 37.77	<i>1.265</i> 32.13	<i>1.0338</i> 26.26	<i>.308</i> 7.83	<i>.525</i> 13.34	<i>.250</i> 6.35	<i>.130</i> 3.30	<i>1.190</i> 30.23
<i>MCK-**-*- 37SRT1</i>	<i>1.487</i> 37.77	<i>1.265</i> 32.13	<i>1.1018</i> 27.99	<i>.308</i> 7.83	<i>.525</i> 13.34	<i>.250</i> 6.35	<i>.130</i> 3.30	<i>1.190</i> 30.23
<i>MCK-**-*- 51PRT1</i>	<i>1.435</i> 36.45	<i>1.215</i> 30.86	<i>.9838</i> 24.99	<i>.351</i> 8.92	<i>.660</i> 16.76	<i>.300</i> 7.62	<i>.150</i> 3.81	<i>1.230</i> 31.24
<i>MCK-**-*- 51SRT1</i>	<i>1.435</i> 36.45	<i>1.215</i> 30.86	<i>1.0518</i> 26.72	<i>.351</i> 8.92	<i>.660</i> 16.76	<i>.300</i> 7.62	<i>.150</i> 3.81	<i>1.230</i> 31.24
<i>MCK-**-*- 100PRT1</i>	<i>2.175</i> 55.25	<i>1.800</i> 45.72	<i>1.3838</i> 35.15	<i>.394</i> 10.01	<i>1.010</i> 25.65	<i>.400</i> 10.16	<i>.200</i> 5.08	<i>1.825</i> 46.36
<i>MCK-**-*- 100SRT1</i>	<i>2.175</i> 55.25	<i>1.800</i> 45.72	<i>1.508</i> 38.30	<i>.394</i> 10.01	<i>1.010</i> 25.65	<i>.400</i> 10.16	<i>.200</i> 5.08	<i>1.825</i> 46.36

P = Pin, S = Socket

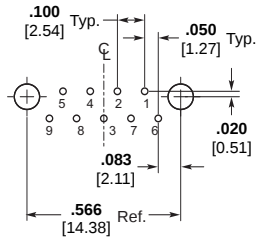
Note: Items in bold italic are qualified to MIL-DTL-83513.

MCK Transition Blocks (Continued)

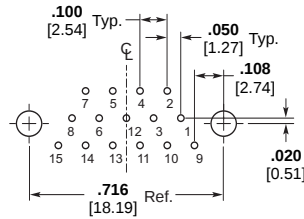
RT1 — Right-Angle Termination Configuration

(Continued)

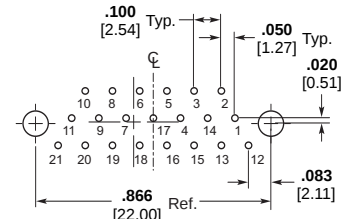
View is from mounting surface of connector. Plug configuration shown. For receptacle, use mirror image. (Except 100 contacts)



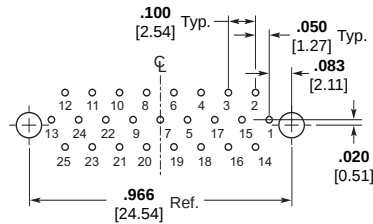
9 Contacts



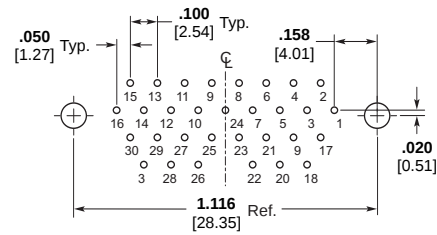
15 Contacts



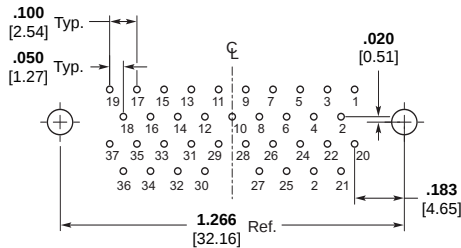
21 Contacts



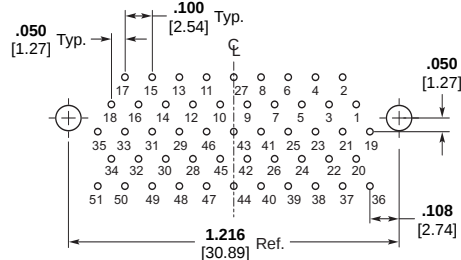
25 Contacts



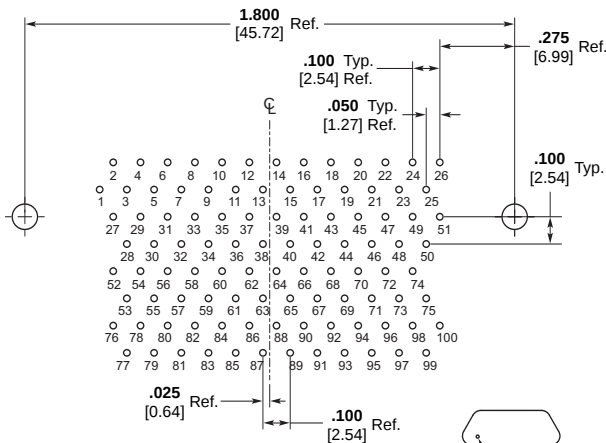
31 Contacts



37 Contacts



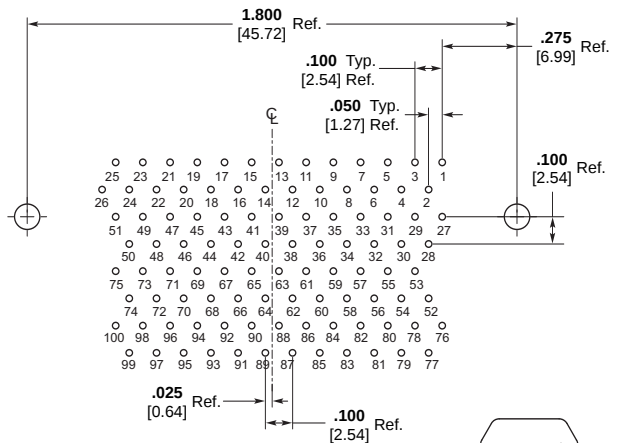
51 Contacts



**100 Contacts
(Socket Connector)**



**100 Contacts
(Receptacle Connector)**



**100 Contacts
(Pin Connector)**



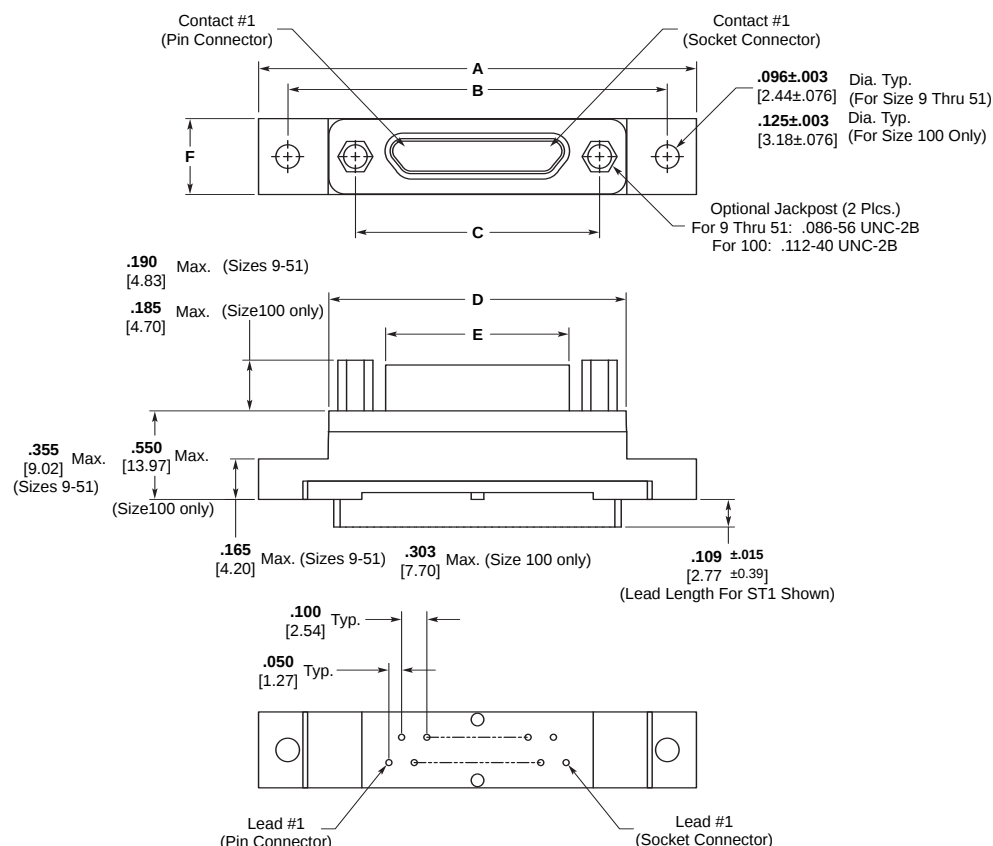
**100 Contacts
(Plug Connector)**

ST1 — Straight Termination Configuration



MIL-DTL-83513/22 through /27 configurations. 180° — Lo Profile termination configurations. See page 35 for M83513 cross references.

MCK Transition Blocks (Continued)



How To Specify

MCK	C2	P	37	P	ST1
Straight Termination (Solder Dipped)					
ST1 — w/ .109 Leads					
ST1A — w/ .140 Leads					
ST1B — w/ .172 Leads					
Contact Type					
S = STD Socket					
P = STD Pin					
Layout					
9, 15, 21, 25, 31, 37, 51 and 100					
Hardware					
P = Jackpost (9-51)					
B = No Hardware					
S = (100)					
Shell Finish					
C2 = Cadmium, Yellow Chromate					
N1 = Nickel, Electroless					
Connector Series					
(See page 9)					

Notes:

1. For terminal identification see page 5048.
2. Grid pattern for all configurations is .100 x .100 [2.54 x 2.54].
3. Lead lengths shown are for ST1.
4. Items in bold italic are qualified to MIL-DTL-83513.

MCK Transition Blocks (Continued)

ST1 — Straight Termination
Configuration (Continued)

Part Number	A Max.	B ± .007 [.178]	C ± .005 [.127]	D Max.	E Max.	F Max.
<i>MCK-**-*. 9PST1</i>	1.390 35.31	1.150 29.21	.565 14.35	.885 22.48	.3338 8.48	.308 7.83
<i>MCK-**-*. 9SST1</i>	1.390 35.31	1.150 29.21	.565 14.35	.885 22.48	.4018 10.21	.308 7.83
<i>MCK-**-*. 15PST1</i>	1.390 35.31	1.150 29.21	.715 18.16	.945 24.00	.4838 12.29	.308 7.83
<i>MCK-**-*. 15SST1</i>	1.390 35.31	1.150 29.21	.715 18.16	.945 24.00	.5518 14.02	.308 7.83
<i>MCK-**-*. 21PST1</i>	1.690 42.93	1.450 36.83	.865 21.97	1.185 30.10	.6338 16.10	.308 7.83
<i>MCK-**-*. 21SST1</i>	1.690 42.93	1.450 36.83	.865 21.97	1.185 30.10	.7018 17.83	.308 7.83
<i>MCK-**-*. 25PST1</i>	1.740 44.20	1.500 38.10	.965 24.51	1.275 32.39	.7338 18.64	.308 7.83
<i>MCK-**-*. 25SST1</i>	1.740 44.20	1.500 38.10	.965 24.51	1.275 32.39	.8018 20.37	.308 7.83
<i>MCK-**-*. 31PST1</i>	2.040 51.82	1.800 45.72	1.115 28.32	1.575 40.01	.8838 22.45	.308 7.83
<i>MCK-**-*. 31SST1</i>	2.040 51.82	1.800 45.72	1.115 28.32	1.575 40.01	.9518 24.18	.308 7.83
<i>MCK-**-*. 37PST1</i>	2.340 59.44	2.100 53.34	1.265 32.13	1.875 47.63	1.0338 26.26	.308 7.83
<i>MCK-**-*. 37SST1</i>	2.340 59.44	2.100 53.34	1.265 32.13	1.875 47.63	1.1018 27.99	.308 7.83
<i>MCK-**-*. 51PST1</i>	2.270 57.66	2.000 50.80	1.215 30.86	1.775 45.09	.9838 24.99	.351 8.92
<i>MCK-**-*. 51SST1</i>	2.280 57.91	2.000 50.80	1.215 30.86	1.775 45.09	1.0518 26.72	.351 8.92
<i>MCK-**-*. 100PST1</i>	3.250 82.55	2.800 71.12	1.800 45.72	2.585 65.66	1.3838 35.15	.460 11.68
<i>MCK-**-*. 100SST1</i>	3.250 82.55	2.800 71.12	1.800 45.72	2.585 65.66	1.508 38.30	.460 11.68

P = Pin, S = Socket

Note: Items in bold italic are qualified to MIL-DTL-83513.

MCK Transition Blocks (Continued)

**ST1 — Straight Termination
Configuration (Continued)**

View is from mounting surface of
connector. Plug configuration shown.
For receptacle, use mirror image.

