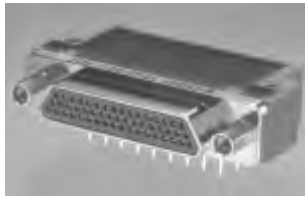
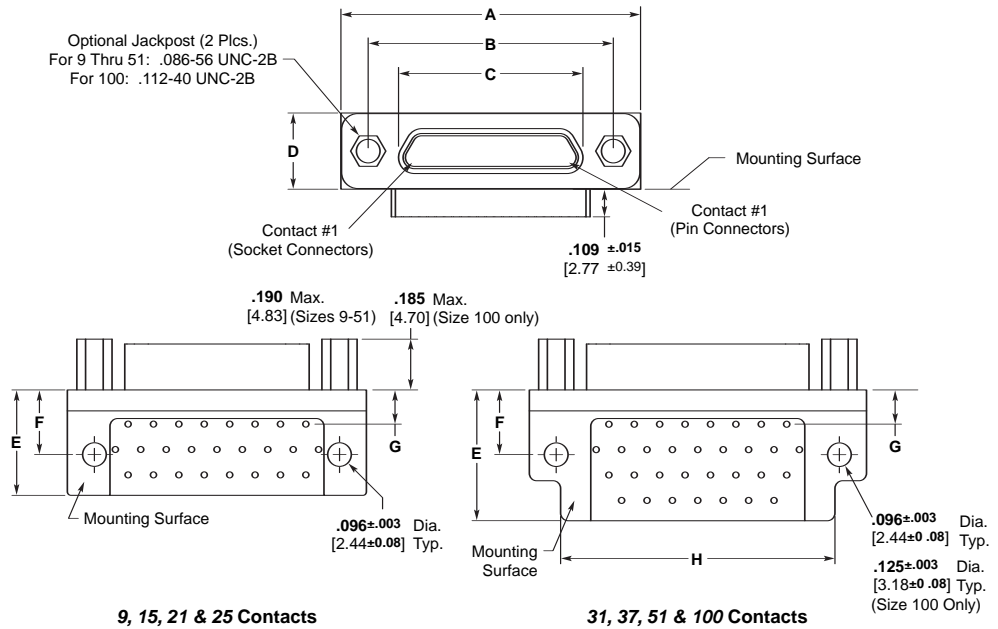


MCK Transition Blocks

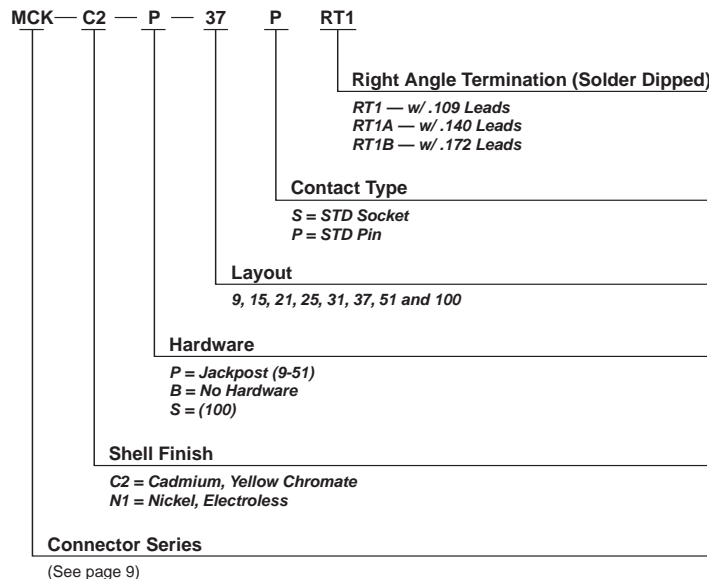
RT1 — Right-Angle Termination Configuration



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.

MCK Transition Blocks (Continued)

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

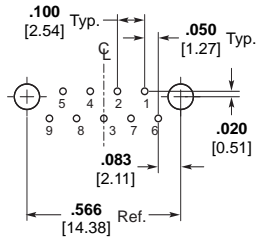
P = Pin, S = Socket

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

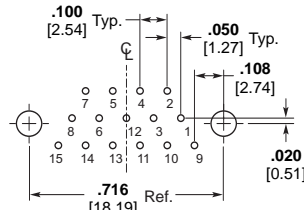
**RT1 — Right-Angle Termination Configuration**

(Continued)

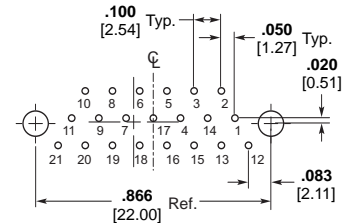
View is from mounting surface of connector. Plug configuration shown. For receptacle, use mirror image. (Except 100 contacts)



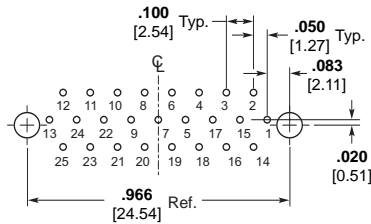
9 Contacts



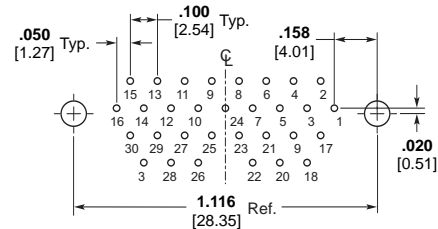
15 Contacts



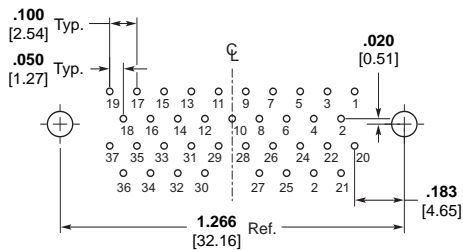
21 Contacts



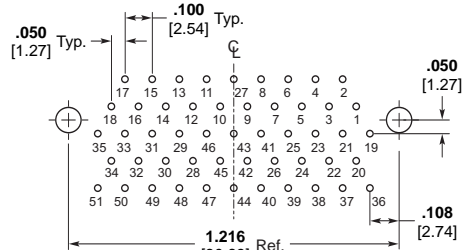
25 Contacts



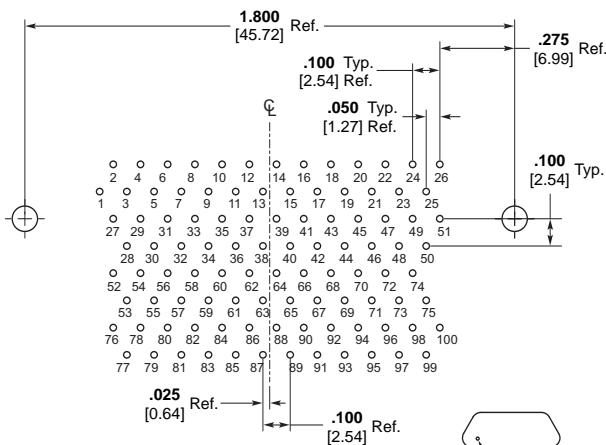
31 Contacts



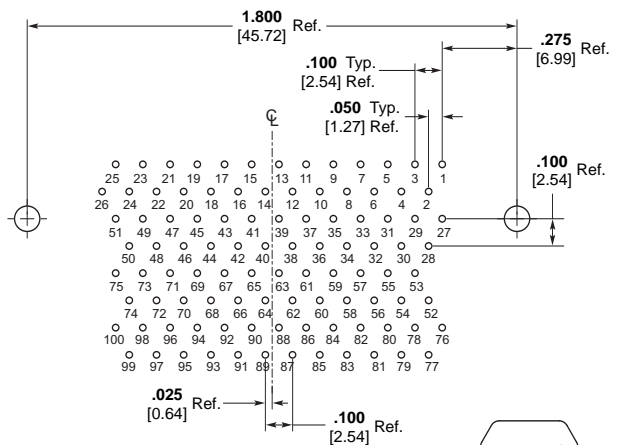
37 Contacts



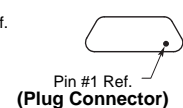
51 Contacts



100 Contacts (Socket Connector)

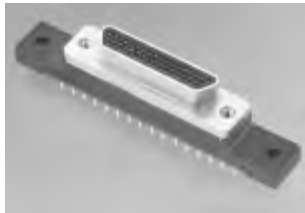


100 Contacts (Pin Connector)

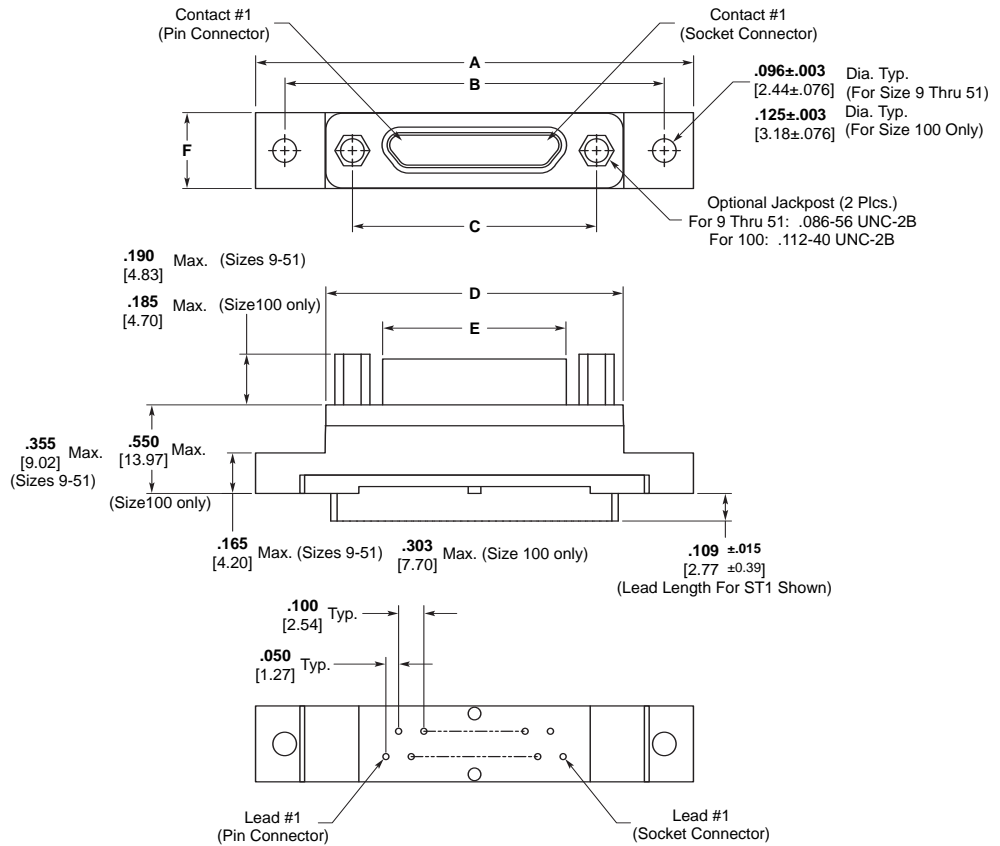


MCK Transition Blocks (Continued)

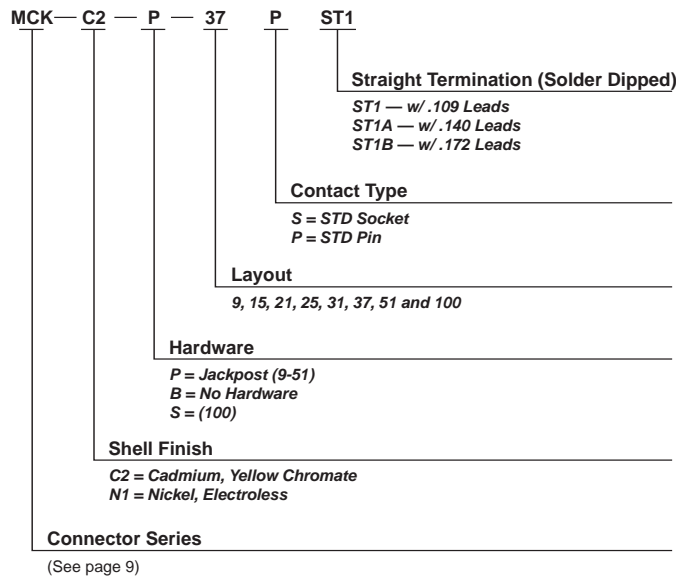
ST1 — Straight Termination Configuration



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



How To Specify



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.

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

P = Pin, S = Socket

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

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

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

