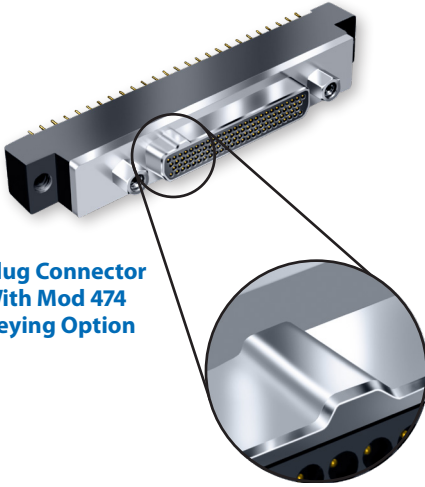




Micro-D Mod Code 474 Keying Options

Prevent Mis-Mating with Mod Code 474 Keying Option



Plug Connector With Mod 474 Keying Option

Keyed Micro-D connectors for "fail-safe" circuits feature specially modified shells to prevent mis-mating. The plug shell has a raised key, and the receptacle shell has a keyway.

The nine pin connector accommodates three key positions. All other sizes have five positions available. The letter code following Mod Code 474 specifies the key position. "474A" plugs mate to "474A" receptacles.

Keyed plugs will not mate to unkeyed receptacles, but keyed receptacles will plug into standard unkeyed plugs.

How To Order Micro-D Connectors With Mod 474	
<p>Step 1: Find a Standard Micro-D Part Number Mod 474 keying is available on all standard metal shell Micro-D connectors, including solder cup, pre-wired and printed circuit board versions. This feature is not available on plastic Micro-D or M83513 connectors.</p>	<p>Example: MWDM2L-51PCBRP-.110</p>
<p>Step 2: Pick a Keying Position A letter code identifies the key position. The table on the following page shows the keying options for each shell size. Mod Code 474A mates to 474A receptacles, and so on.</p>	<p>Example: 474B</p>
<p>Step 3: Add the Mod Code to the Part Number A letter code identifies the key position. The table on the following page shows the keying options for each shell size. Mod 474A plugs mate to 474A receptacles, and so on.</p>	<p>Example: MWDM2L-51PCBRP-.110-474B</p>

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Micro-D Key Positions: Modification Code 474				
<p>Plug</p> <p>Fig. 1</p>	<p>Plug</p> <p>Fig. 2</p>	<p>Plug</p> <p>Fig. 3</p>	<p>Plug</p> <p>Fig. 4</p>	<p>Plug</p> <p>Fig. 5</p>
<p>Receptacle</p> <p>Fig. 6</p>	<p>Receptacle</p> <p>Fig. 7</p>	<p>Receptacle</p> <p>Fig. 8</p>	<p>Receptacle</p> <p>Fig. 9</p>	<p>Receptacle</p> <p>Fig. 10</p>
<p>Figure 1 plug connector mates to Figure 6 receptacle, figure 2 mates to figure 7, and so on. Figure 11 mates to figure 12.</p>		<p>Plug</p> <p>Fig. 11</p> <p>Receptacle</p> <p>Fig. 12</p>	<p>Mating face of connector shown.</p>	

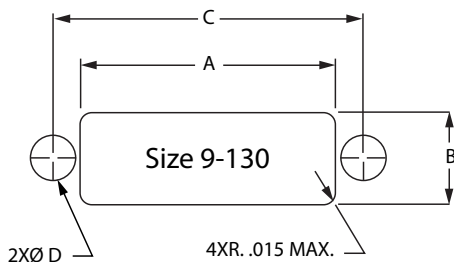
Micro-D Mod Code 474 Keying Options and Rear Panel Mount Panel Cutouts



Key Position Offsets

Layout	Key Position A			Key Position B			Key Position C			Key Position D			Key Position E		
	Figure	Offset		Figure	Offset		Figure	Offset		Figure	Offset		Figure	Offset	
		In.	mm.		In.	mm.		In.	mm.		In.	mm.		In.	mm.
9P	1	.025	0.64	3	.025	0.64	11	.000	0.00	NA	—	—	NA	—	—
9S	6	.025	0.64	8	.025	0.64	12	.000	0.00	NA	—	—	NA	—	—
15P	1	.090	2.29	2	.000	0.00	3	.090	2.29	4	.050	1.25	5	.050	1.25
15S	6	.090	2.29	7	.000	0.00	8	.090	2.29	9	.050	1.27	10	.050	1.27
21P	1	.130	3.30	2	.000	0.00	3	.130	3.30	4	.100	2.54	5	.100	2.54
21S	6	.130	3.30	7	.000	0.00	8	.130	3.30	9	.100	2.54	10	.100	2.54
25P	1	.180	4.57	2	.000	0.00	3	.180	4.57	4	.125	3.18	5	.125	3.18
25S	6	.180	4.57	7	.000	0.00	8	.180	4.57	9	.125	3.18	10	.125	3.18
31P	1	.200	5.08	2	.000	0.00	3	.200	5.08	4	.150	3.81	5	.150	3.81
31S	6	.200	5.08	7	.000	0.00	8	.200	5.08	9	.150	3.81	10	.150	3.81
37P	1	.300	7.62	2	.000	0.00	3	.300	7.62	4	.250	6.35	5	.250	6.35
37S	6	.300	7.62	7	.000	0.00	8	.300	7.62	9	.250	6.35	10	.250	6.35
51P	1	.225	5.72	2	.000	0.00	3	.225	5.72	4	.175	4.45	5	.175	4.45
51S	6	.225	5.72	7	.000	0.00	8	.225	5.72	9	.175	4.45	10	.175	4.45
51-2P	1	.400	10.16	2	.000	0.00	3	.400	10.16	4	.350	8.89	5	.350	8.89
51-2S	6	.400	10.16	7	.000	0.00	8	.400	10.16	9	.350	8.89	10	.350	8.89
67P	1	.600	15.24	2	.000	0.00	3	.600	15.24	4	.500	12.70	5	.500	12.70
67S	6	.600	15.24	7	.000	0.00	8	.600	15.24	9	.500	12.70	10	.500	12.70
69P	1	.225	5.72	2	.000	0.00	3	.225	5.72	4	.175	4.45	5	.175	4.45
69S	6	.225	5.72	7	.000	0.00	8	.225	5.72	9	.175	4.45	10	.175	4.45
75P	1	2.75	6.99	2	.000	0.00	3	.275	6.99	4	.225	5.72	5	.225	5.72
75S	6	.275	6.99	2	.000	0.00	8	.275	6.99	9	.225	5.72	10	.225	5.72
100P	1	.500	12.70	1	.250	6.35	2	.000	0.00	3	.250	6.35	3	.500	12.70
100S	6	.500	12.70	6	.250	6.35	7	.000	0.00	8	.250	6.35	8	.500	12.70
130P	1	.500	12.70	1	.250	6.35	2	.000	0.00	3	.250	6.35	3	.500	12.70
130S	6	.500	12.70	6	.250	6.35	7	.000	0.00	8	.250	6.35	8	.500	12.70

Mod Code 474 Rear Panel Mount Panel Cutouts



Layout	A		B		C		ØD	
	+0.004 (0.10) -0.000	10.36	+0.004 (0.10) -0.000	7.65	+0.003 (0.076) -0.003 (0.076)	14.35	+0.002 (0.051) -0.000	3.20
9	0.408	10.36	0.301	7.65	0.565	14.35	0.126	3.20
15	0.558	14.17	0.301	7.65	0.715	18.16	0.126	3.20
21	0.708	17.98	0.301	7.65	0.865	21.97	0.126	3.20
25	0.808	20.52	0.301	7.65	0.965	24.51	0.126	3.20
31	0.958	24.33	0.301	7.65	1.115	28.32	0.126	3.20
37	1.108	28.14	0.301	7.65	1.265	32.13	0.126	3.20
51	1.058	26.87	0.343	8.71	1.215	30.86	0.126	3.20
51-2	1.458	37.03	0.301	7.65	1.615	41.02	0.126	3.20
67	4.858	123.39	0.301	7.65	2.015	51.18	0.126	3.20
69	1.358	34.49	0.343	8.71	1.515	38.48	0.126	3.20
75	1.458	37.03	0.343	8.71	1.705	43.31	0.148	3.76
100	1.508	38.30	0.386	9.80	1.8	45.72	0.148	3.76
130	1.858	47.19	0.386	9.80	2.150	54.61	0.148	3.76