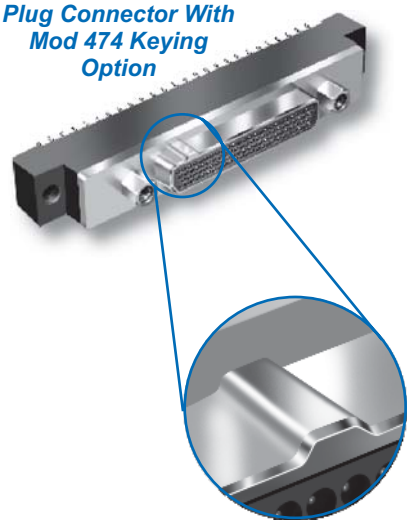

Plug Connector With Mod 474 Keying Option

Prevent Mis-Mating 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 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

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.

Example: MWDM2L-51PCBRP-.110

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 474A plugs mate to 474A receptacles, and so on.

Example: 474*B*

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.

Example: MWDM2L-51PCBRP-.110-474*B*

Micro-D Mod 474 Keying Options

MICRO-D KEY POSITIONS: MODIFICATION CODE 474

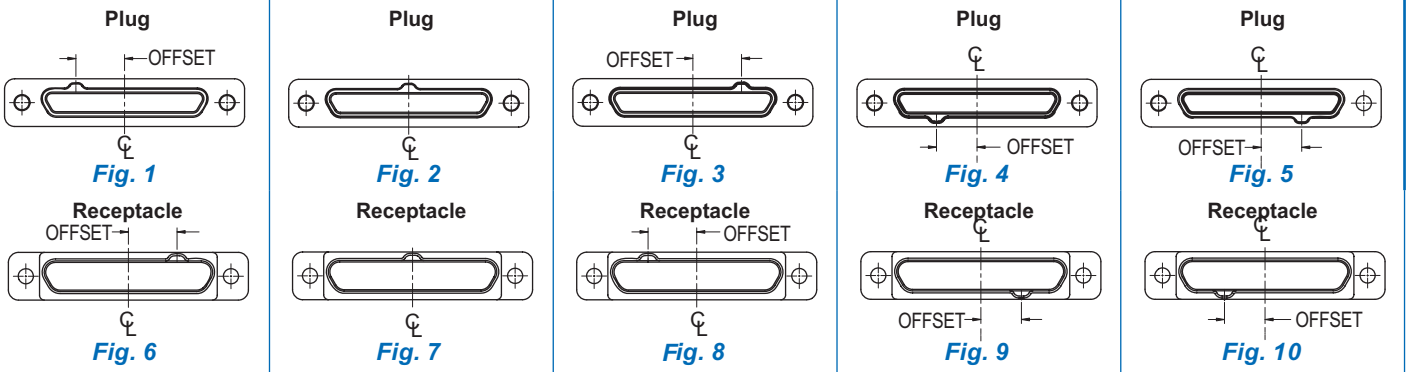

Figure 1 plug connector mates to Figure 6 receptacle, figure 2 mates to figure 7, and so on. Figure 11 mates to figure 12.

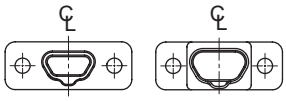

Fig. 11 Plug

Fig. 12 Receptacle

Mating face of connector shown.

	Key Position A			Key Position B			Key Position C			Key Position D			Key Position E		
		Offset			Offset			Offset			Offset			Offset	
Layout	Figure	In.	mm.	Figure	In.	mm.	Figure	In.	mm.	Figure	In.	mm.	Figure	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
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

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