

D-Sub Web-Matrix

		Type	Current Rating	Contact Resistance	Contact Material	Shell	Insulator	Available Layouts	RoHS	Contact Wire Range	Temperature Rating
1	Original D / D*M (Industrial)	Plug and Socket	5A max.	10 milli Ohm max.	Copper alloy, gold over nickel plate	Steel with tin coat	High quality thermoplast UL94V-0, one piece	9, 15, 25, 37, 50	yes	AWG 20-28	-55°C/125°C
2	D*MM / MIL24308 (Military)	Plug and Socket	5A max.	10 milli Ohm max. (Signal contacts)	Copper alloy, crimp contact has stainless steel hood passivated	Yellow chromate over cadmium or zinc	PPS per MIL-M-24519, type GST 40F	9, 15, 25, 37, 50	no	AWG 20, Crimp AWG 18-30	-55°C/125°C
3	ZD (Commercial)	Plug and Socket	5A max. (Standard density) 2A max. (High density)	20 milli Ohm max. on mated contacts	Gold over nickel in contact area, balance tin	Steel, plated tin over nickel	Glass filled thermoplastic	standard: 9, 15, 25, 37, 50 high density: 15, 26, 44, 62, 78	yes	AWG 20-28	-55°C/105°C
4	GD (Environmental)	Plug and Socket	5A max. (Standard density)	10 milli Ohm max.	Copper alloy, gold over nickel (standard finish) Gold over copper per Mil-C-24308 (A156 finish)	Cadmium per QQ-P-416	PPS per MIL-M-24519, type GST 40F	9, 15, 25, 50	no	AWG 20-24	-65°C/150°C
5	D*MA Crimp Cable Mount (Industrial)	Plug and Socket	5A max. (Standard density)	10 milli Ohm max.	Copper alloy, gold over nickel	Yellow chromate over cadmium or zinc	Polyester, UL 94V-0	9, 15, 25, 37, 50	no	AWG 18-30	-55°C/125°C
6	D*MAM Crimp Cable Mount (Military/Space)	Plug and Socket	7.5A max. (Signal contacts) 5A max. (Coaxial contacts) 40A max. (High power contacts) 5A max. (HV Contacts)	10 milli Ohm max. (Signal contacts)	Copper alloy, 50 microinches of Gold over Nickel in mating area, Gold over Nickel on balance	Yellow chromate over Zinc (Cadmium available upon request; order code -A101)	Polyester, UL 94V-0	9, 15, 25, 37, 50	no	AWG 18-28	-55°C/125°C
7	D*A / D*U Crimp Cable Mount (Commercial)	Plug and Socket	5A max.	15 milli Ohm max.	Copper alloy, gold over nickel	Steel, tinned	High quality thermoplast UL94V-0	9, 15, 25, 37, 50	yes	AWG 20-30	-55°C/105°C
8	COMBO D	Plug and Socket	7.5A max. (Signal contacts) 5A max. (Coaxial contacts) 40A max. (High power contacts) 5A max. (HV Contacts)	10 milli Ohm max. (Signal contacts)	Copper alloy, gold over nickel (Pin contacts) Copper alloy, gold over nickel, tin on balance (Socket contacts) Copper alloy, gold over nickel (Coaxial, high power and HV contacts)	Steel, tinned	High quality thermoplast UL94V-0	E size 2W2,2WK2,5W1 A size 3W3,3WK3,7W2,11W1 B size 5W5,9W4,13W3,17W2,21W1 C size 8W8,13W6,17W5,21WA4,25W3,27W2 D size 24W7,36W4,43W2,47W1	yes	AWG 8-26	-55°C/125°C
9	MDSM (Miniature D-Sub)	Plug and Socket	1A temp dependent	20 milli Ohm min. (Crimp) 35 milli Ohm min. (LP)	Copper alloy, Gold flash over 30 microinches PdNi in mating area, Tin on balance	Steel, tinned	High quality thermoplast UL94V-0	9, 15, 25	yes	AWG 26-30	-55°C/125°C
10	2D Double Density	Plug and Socket	5A max.	10 milli Ohm max.	Copper alloy, gold plate Gold over brass (-A106; -A156) Tin/Lead over Steel (-A197)	Steel, cadmium plated with yellow chromate supplementary coating	Glass filled nylon	19, 21, 52, 79, 100	no	AWG 22-26	-55°C/125°C
11	D*JK / D*JT Filter	Plug and Socket	5A max.	Insulation resistance, 30s electrification time max. at 25°C and 100VDC: 10000 milli Ohm min. (D*JT) 5000 milli Ohm min. (D*JK)	Copper alloy, gold over nickel	Steel, tinned	PES, UL 94V-0	9, 15, 25, 37, 50	yes	AWG 8-26	-55°C/125°C
12	D*H Hermetic	Plug and Socket	5A max.	10 milli Ohm max.	Copper alloy, gold over nickel	Steel, cadmium plated with yellow chromate supplementary coating	Compression glass	9, 15, 25, 37, 50	no	AWG 20-30	-65°C/150°C
13	D*W IDC Cable Mount	Plug and Socket	3.0A (20 AWG) - 0.8A (30 AWG)	15 milli Ohm max.	Gold over nickel in mating area, Tin on balance Optional 0.76µm Gold, Suffix -A176	Steel, tinned	High quality thermoplast UL94V-0	9, 15, 25, 37, 50	yes	AWG 20-30	-55°C/125°C
14	D*SF Flat Ribbon Cable Mount	Plug and Socket	1.5A max.	15 milli Ohm max.	Copper alloy, gold over nickel, pure tin matt	Steel, with pure tin matt	High quality thermoplast UL94V-0, flame retardant	9, 15, 25, 37	yes	AWG 26, AWG 28	-55°C/125°C
15	D*NE Eurostyle	Plug and Socket	5A/25 °C, 3.5A/70 °C	25 milli Ohm max.	Copper alloy, gold over nickel	Steel, tinned	High quality thermoplast UL94V-0	9, 15, 25, 37	yes	not applicable	-55°C/125°C
16	D*NG Pressfit	Plug and Socket	5A/25 °C, 3.5A/70 °C	10 milli Ohm max.	Gold over nickel (Standard) Gold over PdNi (Suffix -408)	Steel, tinned	High quality thermoplast UL94V-0	9, 15, 25, 37, 50	yes	not applicable	-55°C/125°C

Micro
MDSM
link MDSM (Commercial)