



8000 Series D-Subminiature Specifications

Introduction:

The ECS 8000 Series D-Subminiature Connectors provide an industry standard I/O interface. A wide variety of styles are available including: Press Fit, Thru-Hole, Solder Cup, Right Angle, and Surface Mount terminations in Standard, Low Profile, High Profile, and High Density configurations. ECS D-Subminiature connectors were designed in accordance with all applicable requirements of MIL-C-24308 D, EIA Standard RS-232, RS-449, and IEC 78-B-106. With a wide variety of industry standard mounting options available, the ECS D-Subminiature connectors mate and are compatible with all industry standard D-Subminiature connectors.

Specifications

	Insulator Material	Contact Material	Shell Material	Current Rating	Contact Resistance	Dielectric Withstand Voltage	Insulator Resistance	Operating Temperature
D-Subminiature	Glass Filled PBT UL 94 V-0 Rated. Surface Mount: High temp. Plastic 94 V-0 Rated.	Receptacle: Phosphor Bronze Plug: Brass Plating: Selective gold over 50µ" Nickel See part number for gold thickness.	Steel, Tin Plated Nickel and Chromate Plating available upon request.	5 Amp	<20m max.	1000M V AC One Minute	>5000M min.	-55°C to +125°C SMT Connectors Max. Processing Temp.: 230°C for 60 Seconds
High Density D-Subminiature	Glass Filled PBT UL 94 V-0 Rated. Surface Mount: High temp. Plastic 94 V-0 Rated.	Receptacle: Phosphor Bronze Plug: Brass Plating: Selective gold over 50µ" Nickel See part number for gold thickness.	Steel, Tin Plated Nickel and Chromate Plating available upon request.	3 Amp	<20m max.	1000M V AC One Minute	>5000M min.	-55°C to +125°C SMT Connectors Max. Processing Temp.: 230°C for 60 Seconds
Press Fit D-Subminiature	Glass Filled PBT UL 94 V-0 Rated.	Phosphor Bronze Plating: Selective gold over 50µ" Nickel See part number for gold thickness.	Steel, Tin Plated	5 Amp	<20m max.	1000M V AC One Minute	>5000M min.	-55°C to +125°C
SCSI	Glass Filled PBT UL 94 V-0 Rated.	Phosphor Bronze Plating: Selective gold over 50µ" Nickel See part number for gold thickness.	Die Cast Zinc, Nickel Plated	1 Amp	<20m max.	1000M V AC One Minute	>5000M min.	-55°C to +125°C



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