

## 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.	<b>Receptacle:</b> Phosphor Bronze <b>Plug:</b> Brass <b>Plating:</b> Selective gold over 50µ" Nickel  See part number for gold thickness.	Steel, Tin Plated Nickel and Chromate Plating available upon request.	5 Amp	<20mΩ max.	1000MΩ V AC One Minute	>5000MΩ 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.	<b>Receptacle:</b> Phosphor Bronze <b>Plug:</b> Brass <b>Plating:</b> Selective gold over 50µ" Nickel  See part number for gold thickness.	Steel, Tin Plated Nickel and Chromate Plating available upon request.	3 Amp	<20mΩ max.	1000MΩ V AC One Minute	>5000MΩ 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  <b>Plating:</b> Selective gold over 50µ" Nickel  See part number for gold thickness.	Steel, Tin Plated	5 Amp	<20mΩ max.	1000MΩ V AC One Minute	>5000MΩ min.	-55°C to +125°C
SCSI	Glass Filled PBT UL 94 V-0 Rated.	Phosphor Bronze  <b>Plating:</b> Selective gold over 50µ" Nickel  See part number for gold thickness.	Die Cast Zinc, Nickel Plated	1 Amp	<20mΩ max.	1000MΩ V AC One Minute	>5000MΩ min.	-55°C to +125°C

