



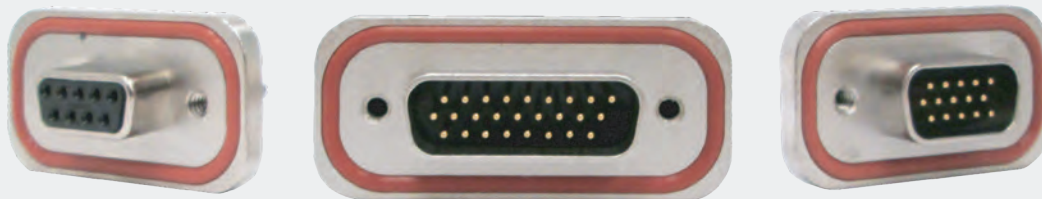
Generation 2 Features

- Provides a standard D-Sub interface for enclosures exposed to harsh environments
- Protection is provided for IP68 applications per IEC 60529 specification
- Protection is provided in the mated and unmated conditions
- A sturdy die case shell provides excellent strength and durability in the most demanding applications
- High temperature resistant plastic housing captures high quality gold plated screw machined copper alloy contacts
- Robust construction - Zinc die cast shell



Markets

Amphenol's line of Rugged D-Sub connectors serve many markets and applications across the globe including Transportation, Military, Medical and Industrial.



Photos Shown: MRJR-5780-01 2, MRJR-3460-0F 2, MRJR-5580-01, MRJ-2586-10BP2

Technical Specifications

External Shell:	Die Cast Zinc, Nickel Plated
Insulator Housing:	High Temperature Resistant Nylon, Glass Reinforced, UL94V-0, Black
Contacts:	Machined Phosphor Bronze or Brass Alloy Plated with 0.76 μ m (30 μ ”) min Gold over 1.27 μ m (50 μ ”) min Nickel
Gaskets & O-rings:	Silicone Rubber, Black or Red
Water & Dust Protection Level:	Code IP67 per IEC 60529
Operating Temperature:	-40°C to +105°C
Contact Insertion Force:	<i>Standard Density</i> - 5.0N (18oz _p) max, 3.3N (12oz _p) max Average Initial <i>High Density</i> - 5.0N (18oz _p) max, 2.6N (9.5oz _p) max Average Initial
Durability:	Per EIA 364-09, 500 Mating Cycles
Vibration:	Per EIA 364-28 Condition V, Letter D, 4.5 Hrs, No Discontinuity $\geq 1\mu$ s
Shock:	Per EIA 364-27 Test Condition A (11ms, 50g, ½ Sine), No Discontinuity $\geq 1\mu$ s
Temperature Life w/o Load:	Per EIA-364-17, 105°C, 1000 Hours
Thermal Shock:	Per EIA-364-32, -55°C to +105°C, 25 Cycles
Humidity:	Per EIA-364-31, 10 Cycles, 240 Hrs, 25°C to 65°C, 90-95%RH, with -10°C Cold Shock
Thermal Cycling:	Per EIA-364-110, 500 Cycles, 15°C to 85°C
Mixed Flowing Gas:	Per EIA 364-65 Class IIA (Cl ₂ , NO ₂ , H ₂ S, & SO ₂), 14 Day Exposure
Solvent Resistance:	Isopropyl Alcohol & 5% Sodium Hydroxide Solution, 24 Hrs Each
Solderability:	Per EIA-364-52, 95% Coverage after Category 2 Steam Aging
Current Rating:	<i>Standard Density</i> - 5A max <i>High Density</i> - 3A max
Contact Resistance:	20 m Ω max
Insulation Resistance:	5000 M Ω min
DWV:	<i>Standard Density</i> - 1500 VDC <i>High Density</i> - 1200 VDC