

Well-Master™ 260 Micro-D

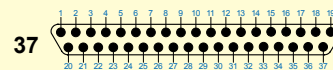
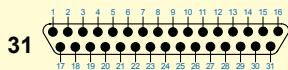
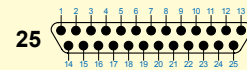
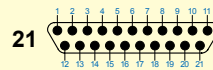
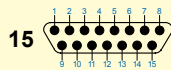
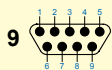
Glenair Well-Master™ 260—The Micro-D Connector for Serious, High-Temperature Applications



- ◆ 260° continuous operating temperature
- ◆ Angled mounting ears for easy fit in cylindrical equipment housings
- ◆ High-reliability TwistPin contact system utilizing special high-temperature alloys on .050" pitch contact spacing
- ◆ Solder cup, pre-wired or printed circuit board terminations

Standard Micro-D connectors are rated for +125°C. Glenair's MWDM Micro-D can withstand +150°C continuous operating temperature and can be upgraded to +200°C if assembled with special high temperature epoxies. Glenair, by the way, is the world's largest manufacturer and supplier of these standard-duty Micro-D connectors. But oil, gas and geothermal wells can subject electronic instruments utilizing these miniature connectors to temperatures as high as +260°C. The GHTM Series Micro-D meets this need for a high density, high performance connector capable of handling extreme temperatures. GHTM contacts are made from a special alloy that resists softening when exposed to high temperatures. Rugged passivated stainless steel shells and hardware, high temperature liquid crystal polymer (LCP) insulators and special epoxies allow these connectors to survive the most demanding high-temperature environments.

GHTM HIGH TEMPERATURE CONTACT ARRANGEMENTS



Mating face of pin connector. Socket connector contact numbers are reversed.

MATERIALS AND FINISHES

Contacts	Proprietary nickel alloy, gold plated
Insulators	Liquid crystal polymer (LCP)
Shell	Stainless steel, passivated
Mounting Hardware	Stainless Steel
Potting Compound	Epoxy
Insulated Wire	Nickel-coated copper, PTFE insulation per M22759/87 (260°C)

SPECIFICATIONS

Current Rating	3 Amps
Contact Resistance	8 milliohms maximum
Dielectric Withstanding Voltage	600 Vac sea level
Insulation Resistance	5000 megohms minimum
Operating Temperature	-55° C. to +260° C.
Shock	300 g.
Vibration	37 g.