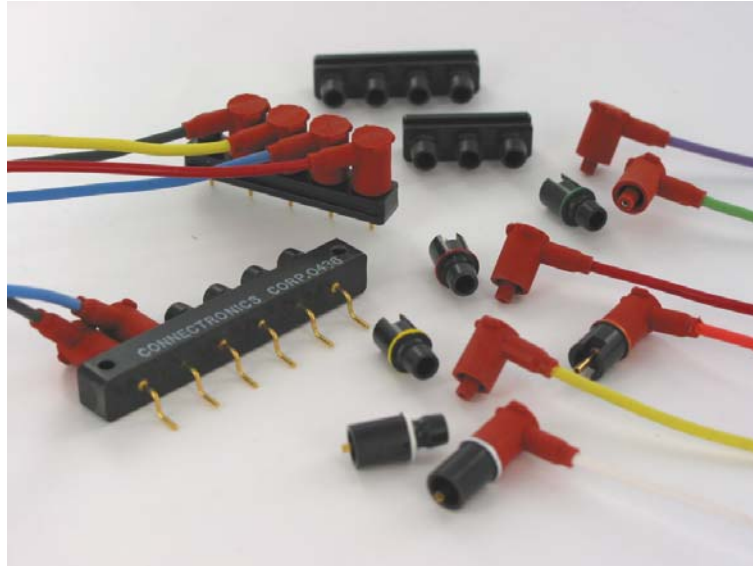


Micro-Midgi Series

Patent Pending



Low Profile, High Voltage Miniature Connectors

Features:

- Corona Free Tapered Interface
- 12 KVDC Operating Voltage
- Temperature Range
-55°C to +125°C
- Sea Level to 70,000 ft. Operation
- Space Saving
- Fast Connect/Disconnect
- Positive Mating
- Reliable Performance
- Vibration and Shock Resistant
- Radiation Resistant

Typical Applications:

- Electronic Countermeasures
- Radar
- CRT Displays
- Traveling Wave Tubes
- Lasers
- High Voltage Power Supplies
- Medical Applications
- Head-up Displays

Connectronics
Corp. Interconnection Specialists



Corporate Office
& Manufacturing Facilities:
2745 Avondale • P.O. Box 3355
Toledo, Ohio 43607

Phone: 419-537-0020
Fax: 419-537-0007
E-mail: info@connectronicscorp.com
Visit Us On Our Web Site @
www.connectronicscorp.com

DESCRIPTION:

CONNECTRONICS "MICRO MIDGI" SERIES CONNECTORS OFFER THE SMALLEST, MOST RELIABLE PERFORMANCE HIGH VOLTAGE CORONA FREE INTERCONNECTION AVAILABLE TODAY. IT'S UNIQUE AIR EXCLUDING, LOCKING INTERFACIAL SEAL AND ONE PIECE MOLDED CONSTRUCTION INSURES THE HIGHEST QUALITY OF OPERATION, MAXIMUM MATING RETENTION AND LOWEST COST.

TECHNICAL DATA:

ELECTRICAL:

VOLTAGE : 12 KVDC
 MAXIMUM CURRENT : 3.0 AMPS

ENVIRONMENTAL:

ALTITUDE : SEA LEVEL TO 70,000 FT.
 TEMPERATURE : -55°C TO +125°C
 STORAGE TEMPERATURE : -60°C TO +160°C

TEST CONDITIONS:

DIELECTRIC WITHSTANDING VOLTAGE - 16 KVDC AT 70,000 FT. ALTITUDE.

MATERIALS AND FINISHES:

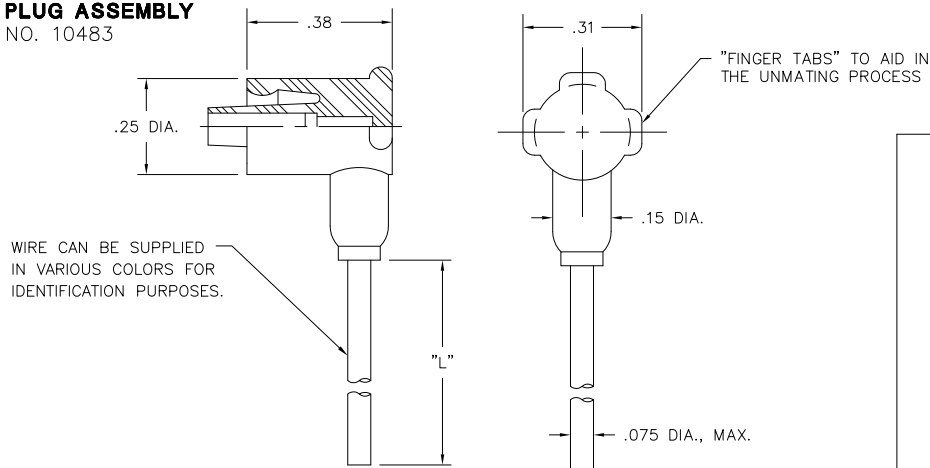
PLUG ASSEMBLY:

WIRE: #24 AWG SPC STRANDED CONDUCTOR WITH SILICONE COATED F.E.P. INSULATION. (AVAILABLE IN COLORS - CONSULT FACTORY)
 MOLDED PLUG BODY: SILICONE RUBBER.
 SOCKET CONTACT: MEETS APPLICABLE PORTIONS OF MIL-C-39029.

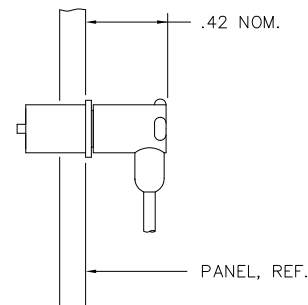
RECEPTACLE ASSEMBLY:

PIN CONTACTS - HALF HARD BRASS PER QQ-B-626, GOLD PLATED PER MIL-G-45204.
 RECEPTACLE BODY - POLYETHERIMIDE RESIN, OR GLASS FILLED EPOXY.

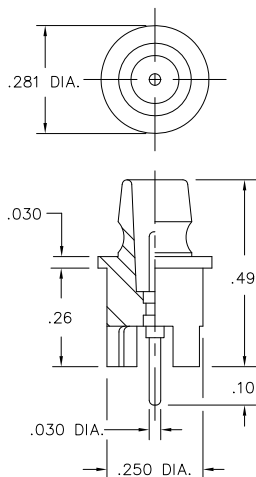
RIGHT ANGLE PLUG ASSEMBLY BASE PART NO. 10483



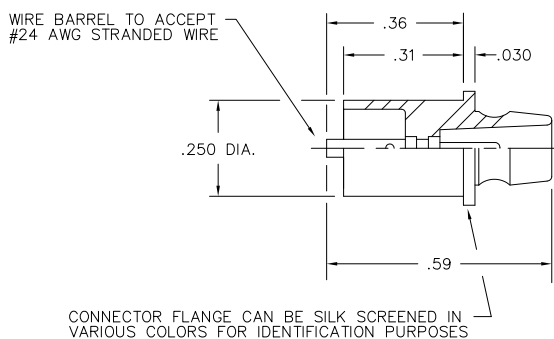
ACTUAL SIZE - MATED



P.C. BOARD MT. RECEPTACLE ASSEMBLY BASE PART NO. 10654-01



PANEL MT. RECEPTACLE ASSEMBLY BASE PART NO. 10484



ORDERING INFORMATION:

PLUG ASSEMBLIES CAN BE MANUFACTURED TO SPECIFIC NEEDS WITH DIFFERENT COLORED WIRES AND/OR WIRES CUT TO ANY DESIRED LENGTH ("L").

RECEPTACLE ASSEMBLIES CAN BE ORDERED AS KITS OR TERMINATED WITH WIRE TO MEET SPECIFIC REQUIREMENTS.

DASH NUMBERS FOR COLOR DESIGNATIONS ARE AS FOLLOWS:

-01 WHITE -03 RED -05 GREEN -07 VIOLET
 -02 ORANGE -04 YELLOW -06 BLUE

ALSO AVAILABLE FROM CONNECTRONICS IS A WIDE RANGE OF EXTRUDED SILICONE INSULATED AND SILICONE COATED TEFLON INSULATED WIRE DESIGNED FOR USE WITH ALL CONNECTOR ASSEMBLIES LISTED. PLEASE CONSULT FACTORY FOR ADDITIONAL INFORMATION.

Connectronics
 Corp.

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