

tyco

Electronics



CPC - Medical

DESCRIPTION

- Suitable for surgical power instrument, RF and ultrasound ablation and EP monitors used in the O.R.
- Grip area with push-pull action
- Robust self-latching mechanism
- Gold-plated contacts
- Sterilizable
 - Autoclave, STERRAD, CIDEX+, EtO
- Available contact types 5, 6, 7, 10 positions
- Lightweight housing is resistant to shock, drop and chemically induced cracking.
- Accommodates cables OD from 2.7 to 6.5 mm
- Available in either black or gray housing and optional color coding for mating polarization

KEY FEATURES

- Connectors are user friendly, sterilizable, robust and provide secure self-latching
- Can be overmolded with silicone or PVC flex reliefs for cable strain and flex protection
- Available with an integral cable collet or an overmolded flex relief
- Self-latching mechanism is secure under axial and torsional loads
- Overmolded flex-reliefs can be customized per customer requirements

ELECTRICAL

- Operating Voltage - 300 V AC
- Current rating - 7 A - 5 pos
6 A - 6 pos
5 A - 7 pos
3 A - 10 pos
- Dielectric Withstanding Voltage - 1200 V AC
- Insulation Resistance - 1000 megohms
- Contact Resistance - 20 milliohms max

MECHANICAL

- Durability: 2500 cycles
- Temperature Rating: -50° to 170° C
- Mating Force: 2.5 lbs max
- Unmating Force: 1.0 lb min

MATERIALS

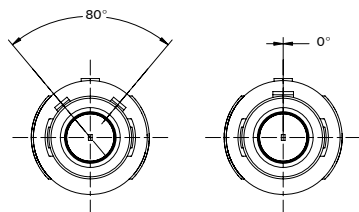
- Housing, Insert, Collet & Nut - Polyphenylsulfone
- Contacts - Copper Alloy, Gold Finish
- Hex Nut - Copper Alloy, Nickel Finish

STANDARDS & SPECS

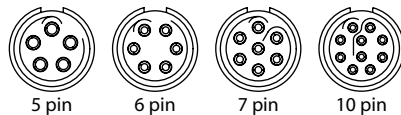
- EIA-364: Electrical Connector/Socket Test procedure Including Environmental Classifications

PRODUCT OFFERING

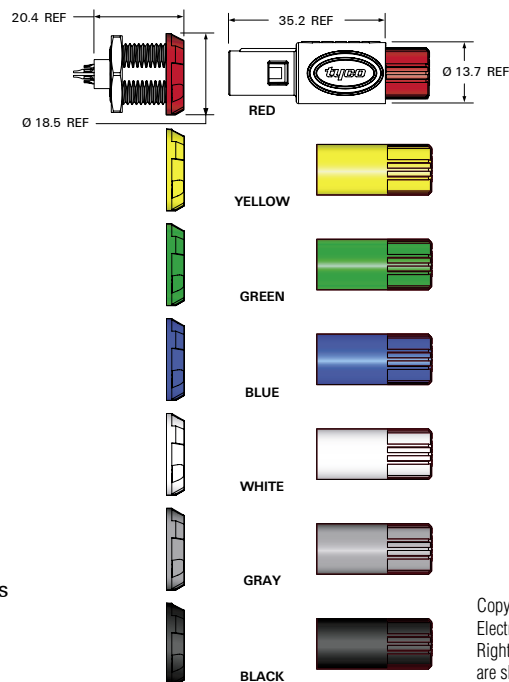
Keying (plug front view):



Contact Configuration:



Color Coded Receptacles and Plugs



Custom Configurations:

Contact your local Tyco Electronics sales engineer for availability of additional:

- Contact configuration
- Keying options
- Color coded receptacles and plugs

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