MATERIAL/FINISH PROPERTIES

MATERIAL PROPERTIES:
BODY: BRASS PER ASTM B16 OR EQUIVALENT
CENTER CONTACT: BERYLLIUM COPPER PER ASTM B196 OR EQUIVALENT
INSULATORS: PTFE PER ASTM D1710 OR EQUIVALENT
GASKET: SILICONE RUBBER PER ZZ-R-765 OR EQUIVALENT

PLATING PROPERTIES:
METAL PARTS: .000100 MIN. NICKEL PER QQ-N-290
CENTER CONTACT: .000030 MIN. GOLD PER MIL-G-45204 OVER .000050 MIN. NICKEL PER QQ-N-290

MECHANICAL/ELECTRICAL PROPERTIES

CONNECTOR MEETS MIL-STD-348, MIL-PRF-49142
CONNECTOR MEETS: RoHS 2002/95/EC STANDARDS
CONNECTOR DURABILITY: 500 CYCLES MIN.
IMPEDANCE: NON CONSTANT
VOLTAGE RATING: 400 VRMS
INSULATION RESISTANCE: 5,000 MEGOHMS
CONTACT RESISTANCE:
CENTER: 5.0 MILLOHMS MAX.
INTERMEDIATE: 0.5 MILLOHMS MAX.
OUTER: 0.5 MILLOHMS MAX.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE REFERENCE
X.XXX DIM’S = INCHES  * [X.X] DIM’S = MILLIMETERS
SURFACE FINISH: 63 MICRO MAX.
ALL DIAMETERS TO BE CONCENTRIC WITHIN .005 F.I.M.