MATERIAL/FINISH PROPERTIES

MATERIAL PROPERTIES:
BODY: BRASS PER ASTM B16 OR EQUIVALENT
CENTER CONTACT: BERYLLIUM COPPER PER ASTM B196 OR EQUIVALENT
INTERMEDIATE CONTACT: BRASS PER ASTM B16 OR EQUIVALENT
INSULATORS: PTFE PER ASTM D1710 OR EQUIVALENT
GASKETS: SILICONE RUBBER PER AA59588 OR EQUIVALENT

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

MECHANICAL/ELECTRICAL PROPERTIES

CONNECTOR MEETS: MIL-STD-348 FIG. 201-2, MIL-PRF-39012
CONNECTOR MEETS: RoHS 2002/95/EC STANDARDS
CONNECTOR DURABILITY: 500 CYCLES MIN.
MOUNTING: PER ES117-BK350
PANEL THICKNESS: .125 [3.2] MAX.
CABLE: TRIAX, CABLE GROUP 18, PER ES102
ASSEMBLY INSTRUCTIONS: A1402
IMPEDANCE: NON CONSTANT
VOLTAGE RATING: 400 VRMS
INSULATION RESISTANCE: 5,000 MEGOHMS
DIELECTRIC WITHSTANDING VOLTAGE: 1,200 VRMS

**IntelliConnect**

**MATERIAL & FINISH:** PER TABLE ABOVE

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