



**NOTES:**

**MATERIALS AND FINISHES**

**1. CONNECTORS (PER MIL-STD-348)**

**BODY AND NUT**

STEEL, CORROSION RESISTANT PER ASTM A-582, UNS NO. S30300, COND. A.

PASSIVATED PER ASTM A-967 OR SAE AMS QQ-P-35 OR

NICKEL PLATED .000100 MIN. THK. PER ASTM B-733

**CENTER CONDUCTOR**

BERYLLIUM COPPER ALLOY PER ASTM B-196, UNS NO. C17300, TEMPER TD04(H).

GOLD PLATED .000050 MIN. THK. PER ASTM B-488 OR MIL-G-45204

OVER

NICKEL PLATE .000050 MIN. THK. PER ASTM B-689 OR SAE AMS QQ-N-290.

**NOTES CONTINUED:**

**DIELECTRIC**

POLY TETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710 OR

ASTM D-4894, TYPE I, GRADE 1, AND/OR NORYL PPO

**RETAINING RING**

BERYLLIUM COPPER WIRE PER ASTM B-441, UNS NO. C17200 TEMPER TD04(H)

OR CORROSION RESISTANT SPRING STEEL WIRE, COLD DRAWN,

PER ASTM A-313, UNS NO. S30200

**O-RINGS (INTERFACE)**

SILICONE RUBBER PER GSA CID A-A-59588-2B-70

AND SAE-AMS-3304

**O-RINGS (OUTER BODY)**

NITRILE (BUNA N)

**FERRULE**

BRASS TUBING PER ASTM B-135, UNS No. C27000

**2. CABLE (MEETS MIL-C-17):**

INNER CONDUCTOR, SILVER PLATED STRANDED OFHC COPPER WIRE.

DIELECTRIC PTFE MICROPOROUS.

OUTER CONDUCTOR SILVER COATED OFHC FLAT COPPER BRAID.

BARRIER ALUMINUM/POLYIMIDE TAPE.

SHIELD BRAID STAINLESS STEEL WIRE PER QQ-W-423.

OUTER JACKET EXTRUDED FEP.

**3. ARMOR AND MARKING:**

BLACK NYLON THREAD BRAID OVER FLAT, STAINLESS STEEL WIRE BRAID

OVER CONVOLUTED STAINLESS STEEL ARMOR.

MARKER SLEEVE(S)

HEAT SHRINKABLE, POLYOLEFIN SLEEVING PER SAE-AMS-DTL-23053

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