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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO.		RF35M-35F-00000		
REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	JDMc	5/26/00	JDMc
A	MODIFIED MATERIAL NOTE	JDMc	12/9/05	JDMc

SPECIFICATIONS:

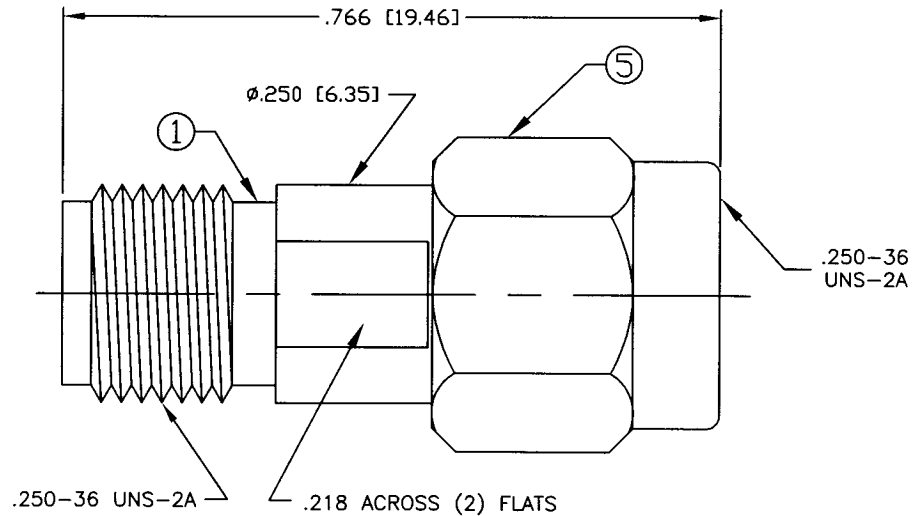
IMPEDANCE RANGE: 50 Ohms
FREQUENCY RANGE: DC to 34 GHz
VSWR: 1.04 + .006 f (f=GHz) Max. DC-34 GHz
CONTACT RESISTANCE:
 Outer Contact= 2.0 milliohms
 Center Contact= 3.0 milliohms
CONNECTOR DURABILITY: 500 Cycles minimum
TEMPERATURE RANGE: -55° C TO 105° C

MATERIALS:

Body and Body Components:
 Non-Magnetic stainless steel, per ASTM
 A582, class 303 condition A.
 Contacts: Beryllium copper,
 per QQ-C-530, heat treated per
 MIL-H-7199
 Insulators: REXOLITE

FINISH:

Center Contacts:
 .000050 min. gold per MIL-G-45204B
 Type II, Grade C, Class 1
 over .000050 min. Nickel per
 QQ-N-290A
 Other Metal Parts:
 Passivated, (as specified)
 to meet the finish and
 corrosion requirements of MIL-C-39012.



1	BODY	1	SST. 303	PASSIVATE
2	BODY	1	SST. 303	PASSIVATE
3	CONTACT	1	Be.Cu.	GOLD, 50μ"
4	CONTACT	1	Be.Cu.	GOLD, 50μ"
5	COUPLING NUT	1	SST. 303	PASSIVATE
6	RETAINING RING	1	Be.Cu.	----
7	GASKET	1	SILICONE	----
8	DIELECTRIC	1	REXOLITE	----
9				
10				
11				
12				
13				
14				
#	DESCRIPTION	QTY	MATERIAL	FINISH

000000	
DRAWN	JDMc
CHECKED	JDMc
ORJ DRAWN	JDMc
DATE	12/9/05
DATE	9/24/02

UNLESS OTHERWISE SPECIFIED:
 1. REMOVE ALL BURRS
 2. BREAK ALL CORNERS & EDGES .005 R. MAX.
 3. CHAMFER 1ST & LAST THREADS 45°
 4. SURFACE ROUGHNESS 63 FINISH MIL-STD-10
 5. DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R.
 6. ALL DIMENSIONS ARE AFTER PLATING.

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]
 UNLESS OTHERWISE NOTED TOLERANCES ARE:
 DECIMALS DIAMETER
 .xxx±.003 [.08] .xxx±.001 [.03]
 .xx±.005 [.13] .xx±.003 [.08]

RF

connectors

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DIVISION OF RF INDUSTRIES, LTD.

3.5mm PLUG TO JACK

ADAPTER

SIZE A	CABLE GROUP N/A	DWG NO. RF35M-35F-00000	REV A
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SCALE: NTS CAD FILE OUTLINE SHEET 1 OF 1