

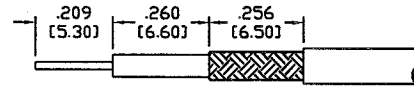
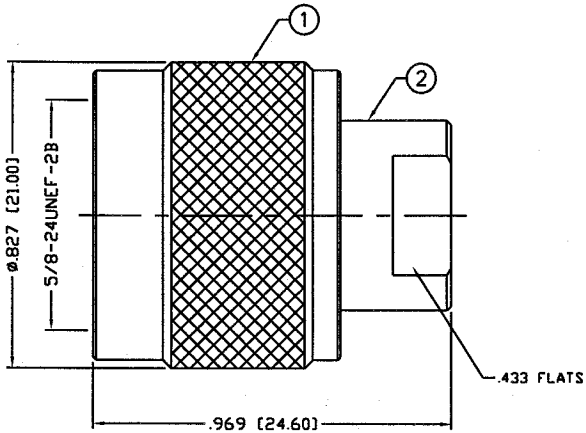
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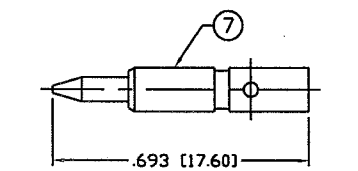
PART NO.

RFN-1005-B1-03

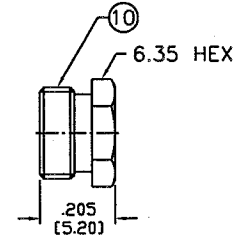
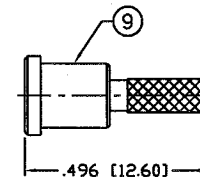
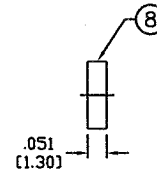
REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	CZS	3/16/99	R. RICE
B	CHANGE DRAWING NUMBER / UPDATE DWG FORMAT	CZS	6/14/01	JDMc



RECOMMENDED STRIPPING DIM'S

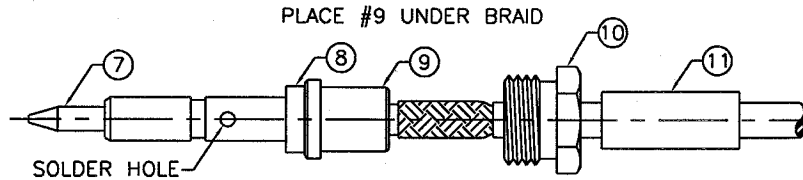


RECOMMENDED CRIMP SIZE .100



SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-11 GHz
 VSWR: 1.3 Max.
 INSERTION LOSS: .06 dB Max. $X\sqrt{fGHz}$
 WORKING VOLTAGE: 1k V rms @ sea level
 TEMPERATURE RANGE: -65°C TO 165°C
 INSULATION RESISTANCE: 5k M Ohms min.
 FOR RG-316/U DOUBLE SHIELD CABLE



NOTE COMPONENTS THAT MUST BE IN PLACE BEFORE INSERTING PIN INTO CONNECTOR

RECOMMENDED CRIMP SIZE .137

1	COUPLING NUT	1	BRASS	NICKEL, 100 μ "
2	BODY	1	BRASS	NICKEL, 100 μ "
3	INSULATOR	1	PTFE	----
4	GROUND RING	1	BRASS	NICKEL, 100 μ "
5	GASKET	1	SILICONE	RED
6	RETAINING RING	1	SUS 304	----
7	PIN	1	BRASS	GOLD, 3 μ "
8	INSULATOR	1	PTFE	----
9	FERRULE STUD	1	BRASS	NICKEL, 100 μ "
10	HEX NUT	1	BRASS	NICKEL, 100 μ "
11	FERRULE	1	BRASS	NICKEL, 100 μ "
12				
13				
14				
#	DESCRIPTION	QTY	MATERIAL	FINISH

008974	
DRAWN C. ZUNIGA	6/14/01
CHECKED <i>[Signature]</i>	7-20-01
ORJ DRAWN C. ZUNIGA	3/16/99
APPROVALS	DATE

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
 DIVISION OF RF INDUSTRIES, LTD.

7610 MIRAMAR RD
 SAN DIEGO, CA 92126
 (858) 549-6340
 (858) 549-6345 FAX

N CRIMP MALE

SIZE A	CABLE GROUP B1	DWG NO. RFN-1005-B1-03	REV B
SCALE: NTS		CAD FILE OUTLINE	SHEET 1 OF 1