

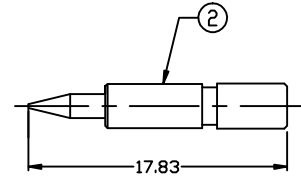
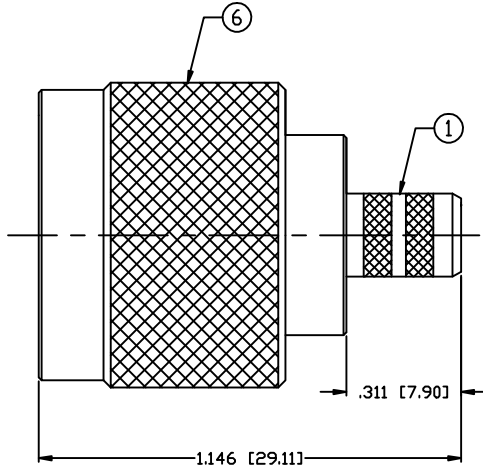
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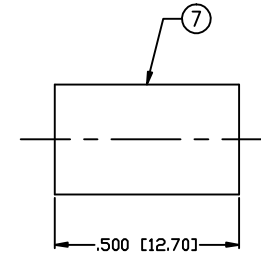
PART NO.

# RFN-1007-2SX

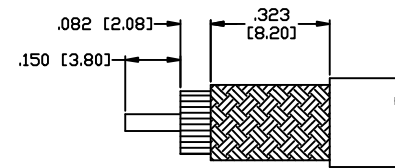
| REV | DESCRIPTION                                            | DWN | DATE    | APPROVED |
|-----|--------------------------------------------------------|-----|---------|----------|
| H   | STANDARDIZE SHELL, BODY & DIELECTRIC / CHG STRIP INSTR | CZS | 2/11/99 | R. RICE  |
| J   | CHANGE TO KNURLED FERRULE STUD / RELOCATE BARB         | CZS | 9/8/00  | JDMc     |
| K   | CHANGE STRIPING, SPECS, FORMAT & DWG # 7879            | GGG | 3/5/02  | JDMc     |
| L   | STANDARDIZED THE PIN AND DIELECTRIC                    | JDM | 3/22/12 | JDMc     |



RECOMMENDED  
CRIMP DIE: .100"



RECOMMENDED  
CRIMP DIE: .255"



RECOMMENDED  
STRIPPING DIMENSIONS

## SPECIFICATIONS:

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-11 GHz  
 VSWR: 1.3 Max.  
 INSERTION LOSS: .06 dB Max. X fGHz  
 WORKING VOLTAGE: 1k  $\sqrt{rms}$  @ sea level  
 TEMPERATURE RANGE: -65°C TO 85°C  
 INSULATION RESISTANCE: 5k M Ohms min.  
 FOR RG-8/X, BELDEN 9258, MAXRAD M8X-100 &  
 M8X-1000, MICRO 8/U, REMEE 1600, SAXTON 8315 &  
 TIMES LMR-240 & LMR-240 ULTRAFLEX CABLE

| 1  | BODY           | 1   | BRASS  | SILVER, 80 $\mu$ " | 000486        |      |
|----|----------------|-----|--------|--------------------|---------------|------|
| 2  | PIN            | 1   | BRASS  | GOLD, 3 $\mu$ "    |               |      |
| 3  | DIELECTRIC     | 1   | PTFE   | ----               |               |      |
| 4  | RETAINING RING | 1   | BRASS  | ----               |               |      |
| 5  | GASKET         | 1   | RUBBER | ----               |               |      |
| 6  | SHELL          | 1   | BRASS  | SILVER, 80 $\mu$ " |               |      |
| 7  | FERRULE        | 1   | BRASS  | SILVER, 80 $\mu$ " |               |      |
| 8  | GRUOND RING    | 1   | BRASS  | SILVER, 80 $\mu$ " |               |      |
| 9  |                |     |        |                    |               |      |
| 10 |                |     |        |                    | DRAWN         |      |
| 11 |                |     |        |                    | D. MCREYNOLDS |      |
| 12 |                |     |        |                    | 3/22/12       |      |
| 13 |                |     |        |                    | CHECKED       |      |
| 14 |                |     |        |                    |               |      |
|    |                |     |        |                    | ORJ DRAWN     |      |
|    |                |     |        |                    | C. ZUNIGA     |      |
|    |                |     |        |                    | 5/11/92       |      |
| #  | DESCRIPTION    | QTY | MATRL  | FINISH             | 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.

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## N PLUG CRIMP

| SIZE       | CABLE GROUP | DWG NO.          | REV          |
|------------|-------------|------------------|--------------|
| A          | X           | RFN-1007-2SX     | L            |
| SCALE: NTS |             | CAD FILE OUTLINE | SHEET 1 OF 1 |