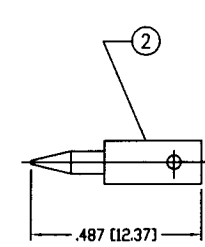
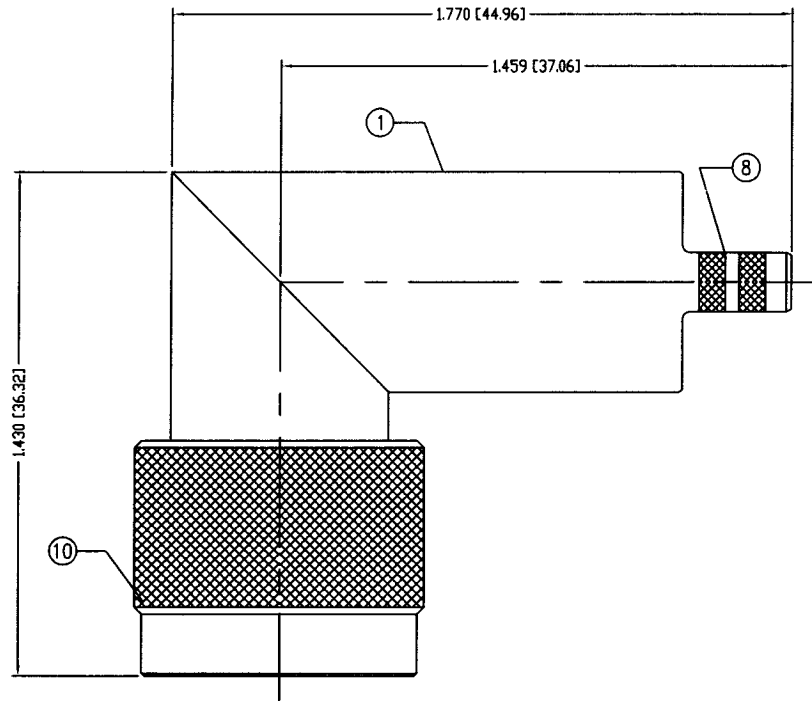


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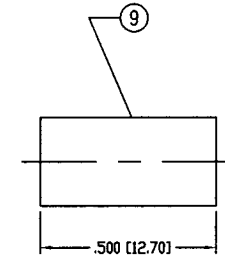
PART NO.

RFN-1009-C

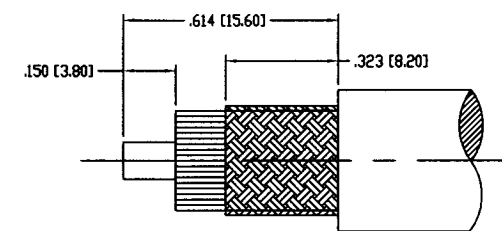
| REV | DESCRIPTION | DWN | DATE | APPROVED |
|-----|---------------------|-----|----------|----------|
| - | ENGINEERING RELEASE | JDM | 10/21/03 | JDMc |
| | | | | |
| | | | | |



CRIMP WITH .100" DIE



CRIMP WITH .213" DIE



STRIPPING DIMENSIONS

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-11 GHz
 INSERTION LOSS: .06 dB Max. X \sqrt{f} GHz
 WORKING VOLTAGE: 1k V rms @ sea level
 TEMPERATURE RANGE: -65°C TO 165°C
 INSULATION RESISTANCE: 5k M Ohms min.
 FOR: RG-58, LMR-195,

| # | DESCRIPTION | QTY | MATRL | FINISH |
|----|--------------|-----|----------|--------------------|
| 1 | BODY | 1 | BRASS | NICKEL, 100 μ" MAX |
| 2 | PIN | 1 | BRASS | GOLD, 3 μ" |
| 3 | PIN | 1 | BRASS | GOLD, 3 μ" |
| 4 | PIN | 1 | BRASS | GOLD, 3 μ" |
| 5 | DIELECTRIC | 1 | PTFE | --- |
| 6 | DIELECTRIC | 1 | PTFE | --- |
| 7 | GROUND RING | 1 | BRASS | NICKEL, 100 μ" MAX |
| 8 | P/F FER STUD | 1 | BRASS | NICKEL, 100 μ" MAX |
| 9 | FERRULE | 1 | BRASS | NICKEL, 100 μ" MAX |
| 10 | SHELL | 1 | BRASS | NICKEL, 100 μ" MAX |
| 11 | R/RING | 1 | BRASS | NICKEL, 100 μ" MAX |
| 12 | GASKET | 1 | S.I. RUB | |
| 13 | | | | |
| 14 | | | | |

| | |
|-----------------------|----------|
| XXXXXXXXXX | |
| DRAWN JDM | 10/21/03 |
| CHECKED <i>JDM</i> | 10-21-03 |
| ORJ DRAWN JDM | 10/21/03 |
| 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

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DIVISION OF RF INDUSTRIES, LTD.

N PLUG R/A

CRIMP

| | | | |
|------------------|-------------------------|------------------------------|-----------------|
| SIZE A | CABLE GROUP C | DWG NO. RFN-1009-C | REV - |
| SCALE: NTS | | CAD FILE OUTLINE | SHEET 1 OF 1 |