

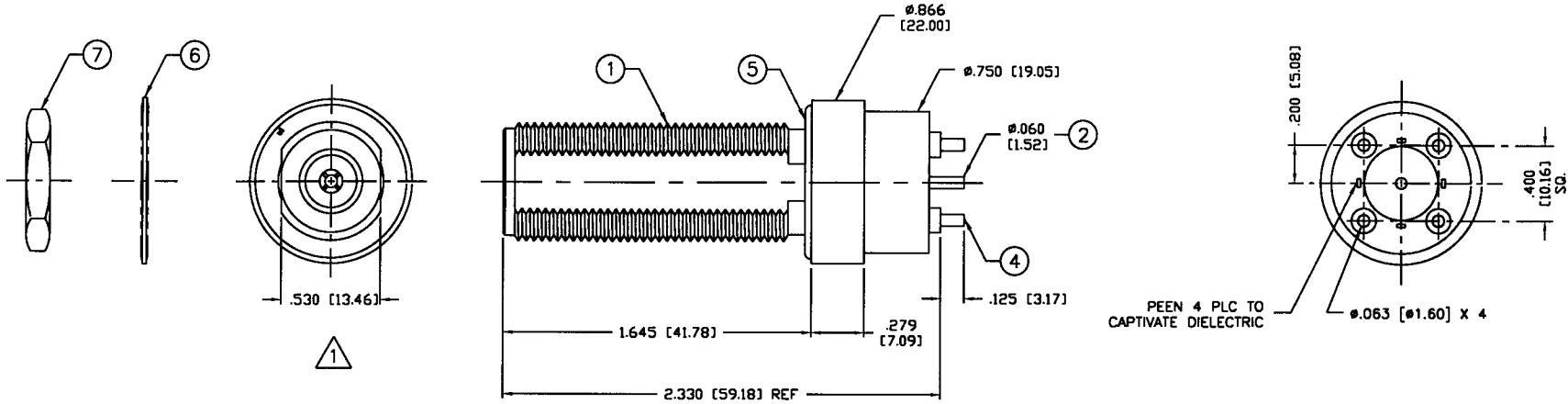
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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO.

RFS-2030

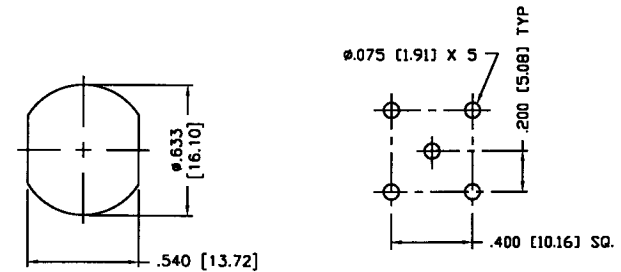
| REV | DESCRIPTION | DWN | DATE | APPROVED |
|-----|--|-----|---------|----------|
| A | ENGINEERING RELEASE | CZS | 6/17/99 | R. RICE |
| B | CHANGE BODY OD & CHANGE FROM MACHINED TO POST LEGS | CZS | 7/9/99 | R. RICE |
| C | RPL GASKET WITH O-RING / CHG FORMAT & P/N FROM 9198B | CZS | 12/1/00 | JDMc |



1 RELATIONSHIP OF D-FATS TO LEGS MUST BE AS SHOWN

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: DC ~ 11 GHz
 VOLTAGE RATING: 1,500 volts peak
 INSULATION RESISTANCE: 5K MegOhms Max.
 DIELECTRIC WITHSTANDING VOLTAGE: 2,500 VRMS @ sea level
 R.F. HIGH POTENTIAL WITHSTANDING VOLTAGE: 1,500 VRMS @ sea level, 5 MHz
 TEMPERATURE: -65 to 165 Deg. C.
 INTERFACE PER MIL-STD-348A, SECTION 304.2



SUGGESTED MOUNTING CONFIGURATION

| 1 | BODY | 1 | BRASS | NICKEL, 100 MICRO | 008974 | |
|----|-------------|-----|--------------|-------------------|-----------|------|
| 2 | CONTACT | 1 | P. B. | SILVER, 50 MICRO | | |
| 3 | INSULATOR | 1 | PTFE | --- | | |
| 4 | POST LEGS | 4 | BRASS | NICKEL, 100 MICRO | | |
| 5 | O-RING | 1 | NITRILE,GR70 | O23-10F-000-NB | | |
| 6 | LOCK WASHER | 1 | BRASS | NICKEL, 100 MICRO | | |
| 7 | HEX NUT | 1 | BRASS | NICKEL, 100 MICRO | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| # | DESCRIPTION | QTY | MATRL | FINISH | APPROVALS | DATE |

| | | |
|-----------|--------------------|---------|
| DRAWN | C. ZUNIGA | 12/1/00 |
| CHECKED | <i>[Signature]</i> | 12-1-00 |
| ORJ DRAWN | C. ZUNIGA | 6/17/99 |

UNLESS OTHERWISE SPECIFIED:

- REMOVE ALL BURRS
- BREAK ALL CORNERS & EDGES .005 R. MAX.
- CHAMFER 1ST & LAST THREADS 45°
- SURFACE ROUGHNESS 63 FINISH MIL-STD-10
- DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R.
- 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] |

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RF connectors

DIVISION OF RF INDUSTRIES, LTD.

N FEMALE BULKHEAD

PCB MOUNT WITH DOUBLE D FLAT

| | | | |
|------|-------------|----------|-----|
| SIZE | CABLE GROUP | DWG NO. | REV |
| A | N/A | RFS-2030 | C |

SCALE: NTS CAD FILE OUTLINE SHEET 1 OF 1