NOTES:

1. MATERIALS AND FINISHES:
   BODY, SPANNER NUT & HEX NUTS - BRASS, NICKEL PLATING
   CONTACT - BeCu, GOLD PLATING
   INSULATOR - PTFE, NATURAL
   LOCK WASHER - PHOSPHOR BRONZE, NICKEL PLATING

2. ELECTRICAL:
   A. IMPEDANCE: 75 OHM
   B. FREQUENCY RANGE: DC - 12 GHz
   C. VSWR : 20 dB MIN @ DC - 12 GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS, MIN.

3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO +165°C

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 31-70526-XX, AND DATE CODE"

5. BNC RECEPTACLE SHIPS WITH ONLY ONE KIND OF THREADED NUT, SEE TABLE FOR DETAIL.

THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION | DATE | ECO | APPR |
|---|---|---|---|---|
| A | RELEASE TO MFG. | 10-Jun-16 | 00921 | SS |
| B | REPLACED FIG. 2 HEX NUT\N/A | 29-Jun-16 | 01223 | SH |

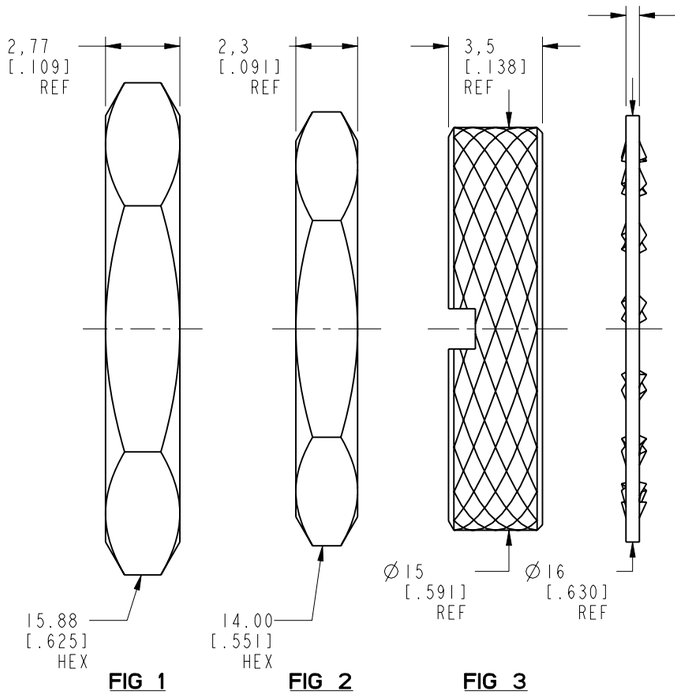
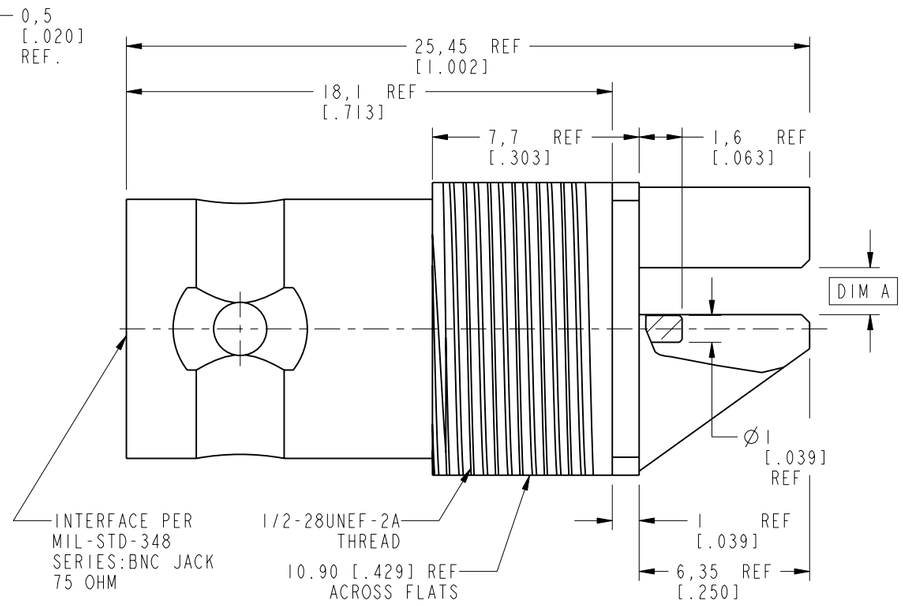
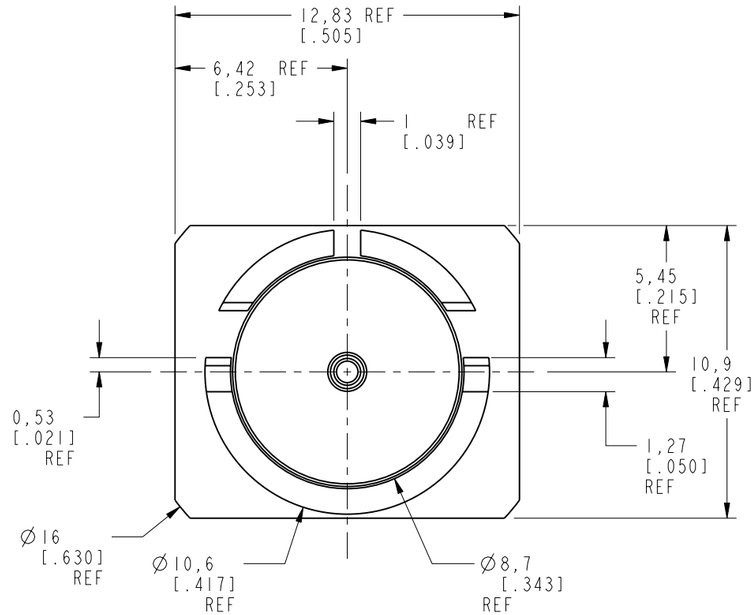
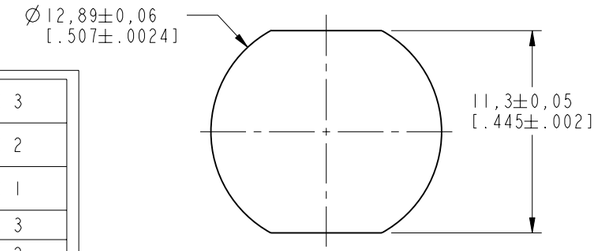



FIG 1 FIG 2 FIG 3

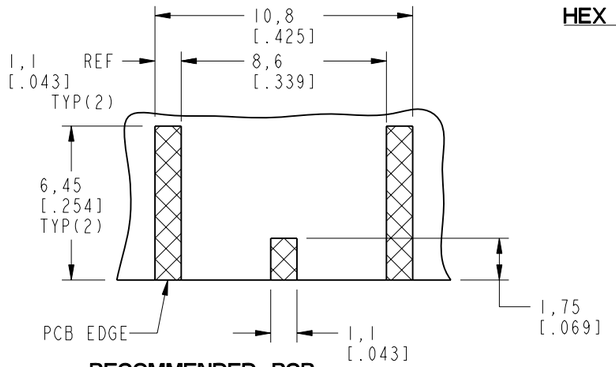



| DN/PN | RECOMMENDED PCB THICKNESS | DIM A | INCLUDED NUT |
|---|---|---|---|
| 31-70526-23 | 2.13 [.084] | $2.21^{+0.08}_{-0}$ [$.087^{+.003}_{-0}$] | FIG 3 |
| 31-70526-22 | 2.13 [.084] | $2.21^{+0.08}_{-0}$ [$.087^{+.003}_{-0}$] | FIG 2 |
| 31-70526-21 | 2.13 [.084] | $2.21^{+0.08}_{-0}$ [$.087^{+.003}_{-0}$] | FIG 1 |
| 31-70526-13 | 1.57 [.062] | 1.75±0.05 [.069±.002] | FIG 3 |
| 31-70526-12 | 1.57 [.062] | 1.75±0.05 [.069±.002] | FIG 2 |
| 31-70526-11 | 1.57 [.062] | 1.75±0.05 [.069±.002] | FIG 1 |

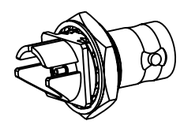



RECOMMENDED MOUNTING HOLE DIMENSIONS

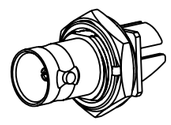



RECOMMENDED PCB LAYOUT DIMENSIONS

HEX NUT & LOCK WASHER NOT SHOWN



SCALE 1.000



SCALE 1.000

# CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

| <0.5mm | 0.5 - 6mm | 6 - 30mm | 30 - 120mm | ANGLES |
|---|---|---|---|---|
| ± 0.05mm | ±0.1mm | ±0.2mm | ± 0.3mm | ±1° |

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MATERIAL
SEE NOTES

REFERENCE
EAR # 6976

CONFIGURATION LEVEL: In Work

FINISH

| | | |
|---|---|---|
| DRAWN | M.ZHANG | DATE 29-Jun-16 |
| ENGINEER | S.DUAN | DATE 10-Jun-16 |
| APPROVED | K. CAPOZZI | DATE 29-Jun-16 |
| CAD FILE | | |

TITLE
75 OHM BNC STR JACK EDGE MOUNT RECEPTACLE

SCALE: 4.5:1.0 SHEET 2 OF 2

DWG SIZE B REV B

Amphenol RF
www.amphenolrf.com

DRAWING NO. 31-70526-XX
ITEM NO. 31-70526-XX
PART NO. 31-70526-XX