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

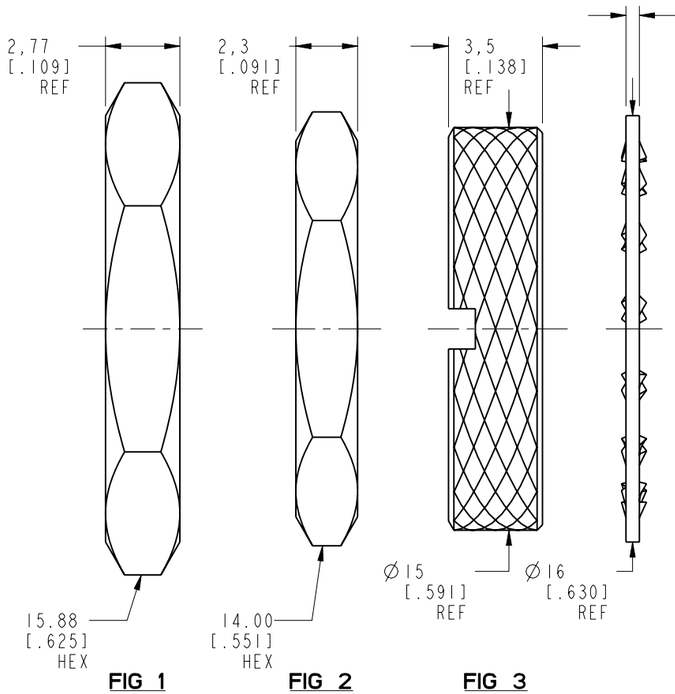
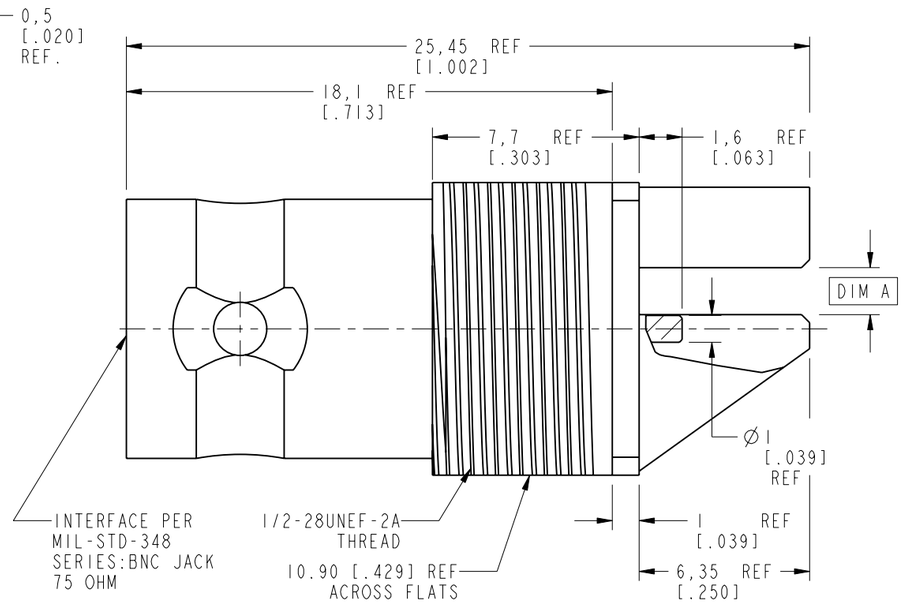
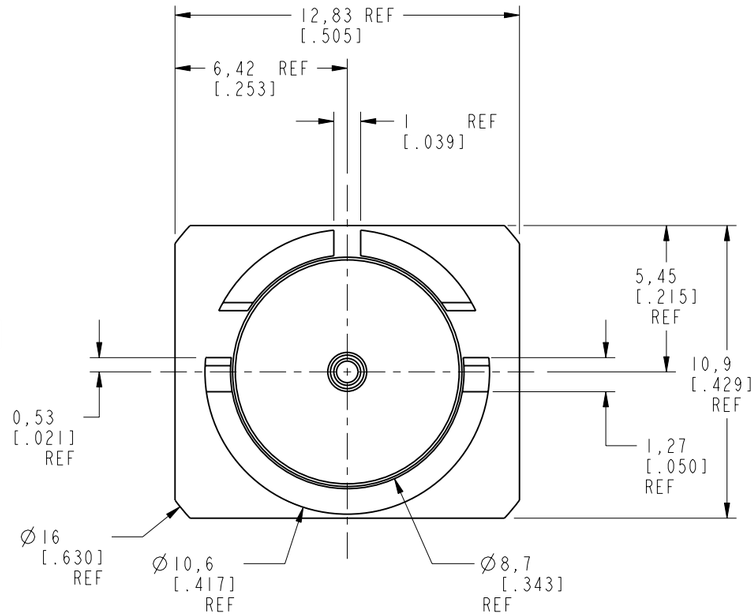
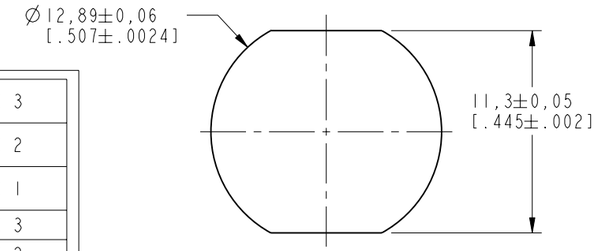


FIG 1 FIG 2 FIG 3

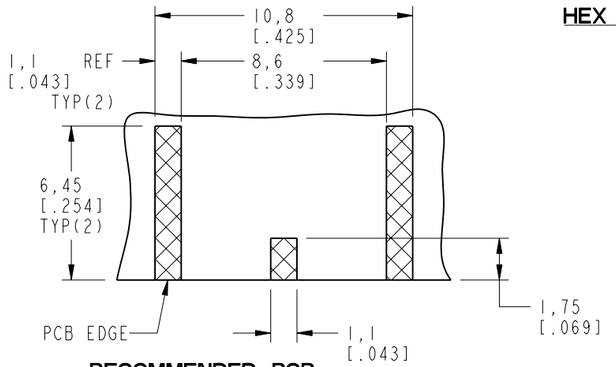




DN/PN	RECOMMENDED PCB THICKNESS	DIM A	INCLUDED NUT
31-70526-23	2.13 [.084]	$2.21^{+0.08}_{-0}$ [$.087^{+.003}_{-0}$]	FIG 3
31-70526-22	2.13 [.084]	$2.21^{+0.08}_{-0}$ [$.087^{+.003}_{-0}$]	FIG 2
31-70526-21	2.13 [.084]	$2.21^{+0.08}_{-0}$ [$.087^{+.003}_{-0}$]	FIG 1
31-70526-13	1.57 [.062]	1.75±0.05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

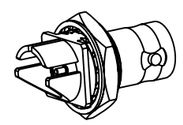


RECOMMENDED MOUNTING HOLE DIMENSIONS

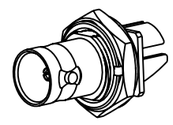


RECOMMENDED PCB LAYOUT DIMENSIONS

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°

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

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