

NOTES:

1. MATERIALS OF CONSTRUCTION:

BODY = ZINC DIE CAST, NICKEL PLATING .000100" MIN. THICK OVER ZINC ALLOY
CONTACT PIN = PHOSPHOR BRONZE, GOLD PLATING AT CONTACT AREA, TIN OVER PLATING AT TALL & NICKEL PLATING OVER ALL. GOLD PLATING THICKNESS .000003" MIN.
GROUNDING TERMINAL = COPPER PLATED STEE WITH TIN PLATING.
MOUNTING HOOK (2) = BRASS, TIN PLATED
LOCKWASHER = S50C, NICKEL PLATED (.000080" MIN THICK)
HEX NUT = BRASS, NICKEL PLATED (.000080" MIN. THICK)
HOUSING = PBT + 15% G.F. (UL 94 V-0), WHITE
INSULATOR = POLYPROPYLENE UL 94 HB, NATURAL

2. ELECTRICAL:

A. IMPEDANCE: 50 OHMS
B. FREQUENCY RANGE: 0-1 GHz
C. OPERATING VOLTAGE: 500 VOLTS RMS
D. CONTACT RESISTANCE: 3.0 MILLIOHMS MAX. (GOLD)
E. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VOLTS RMS
F. INSULATION RESISTANCE: 5000MEGOHMS MIN.

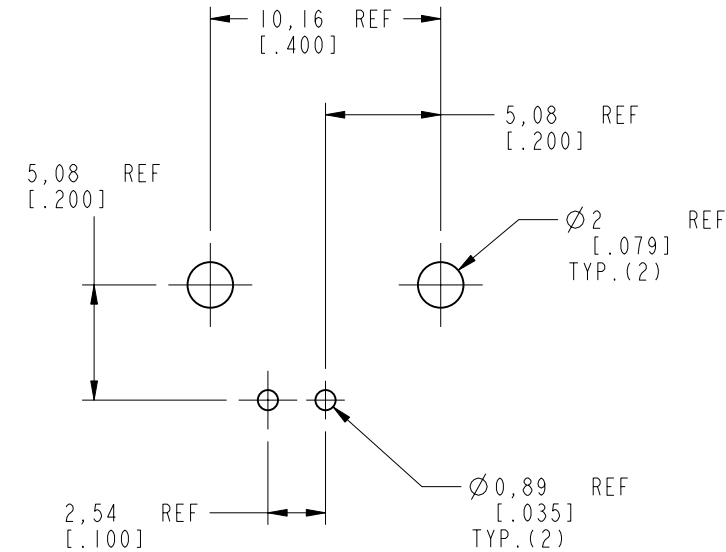
3. MECHANICAL:

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

4. MAX. PANEL THICKNESS = 5mm [.197]

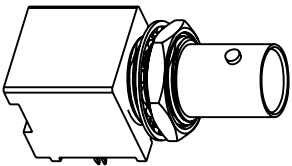
5. PACKAGING:

A. PRODUCT TO ARRIVE IN PLASTIC TRAYS ONLY.
B. TRAY TO BE MARKED: AMPHENOL RF
31-5431-10RFX
B6252H5-NPP3G-50
DATE CODE

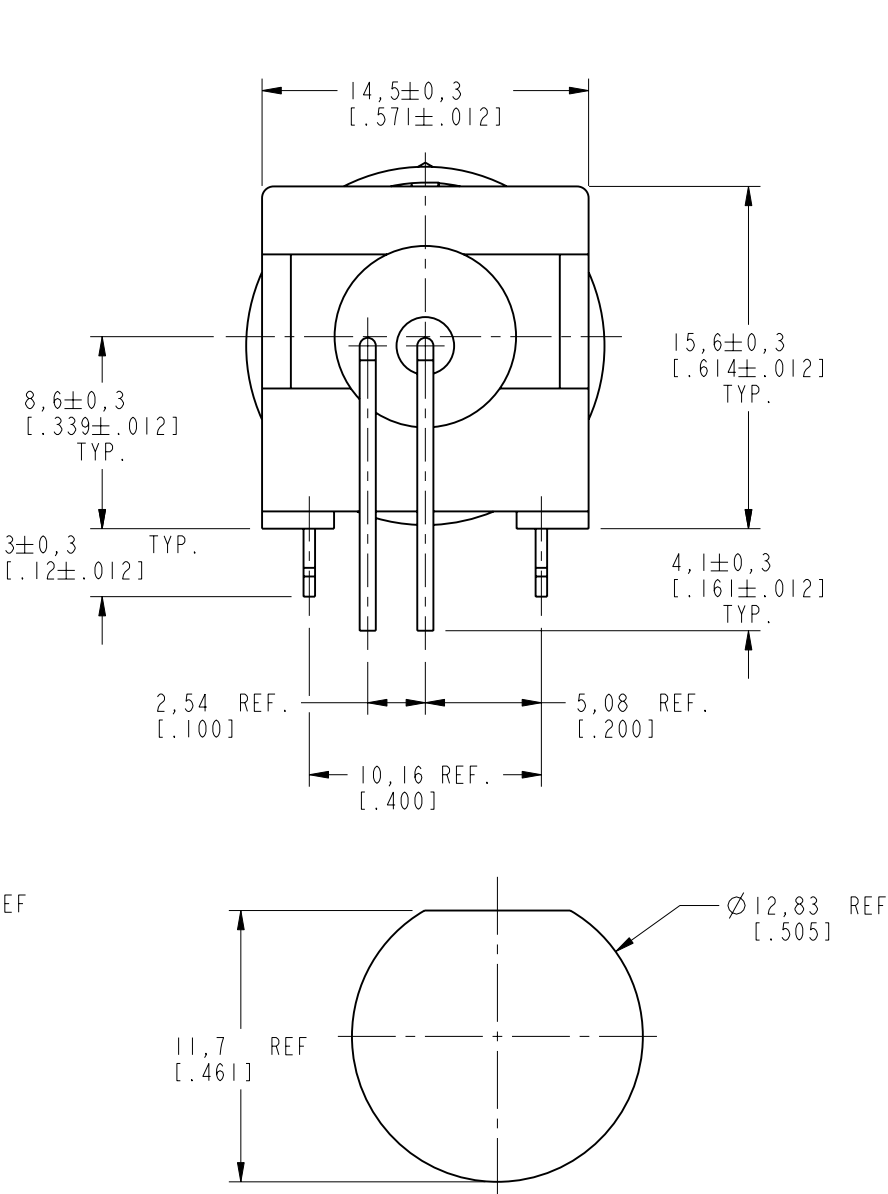


RECOMMEND P.C.B LAYOUT

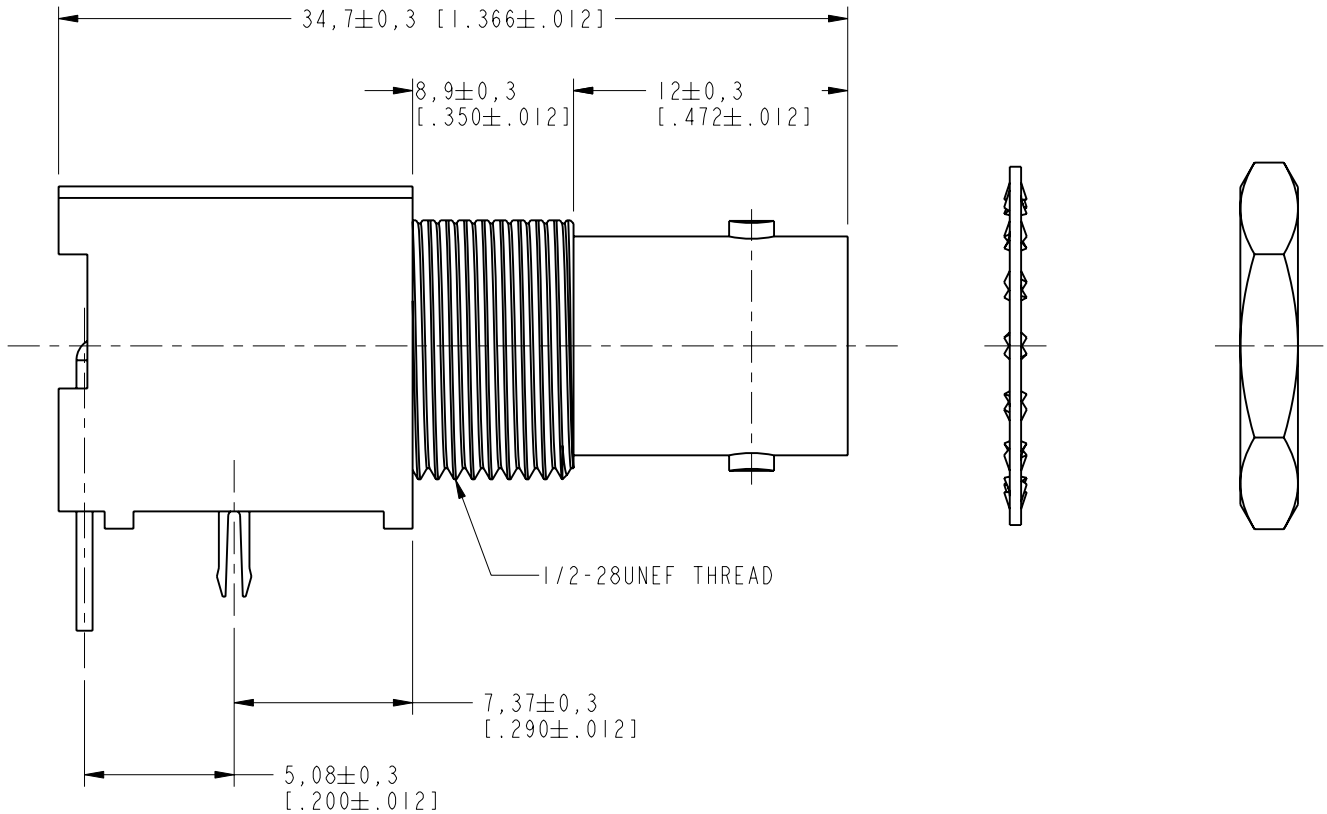
THIRD ANGLE PROJ.



SCALE 1.000



RECOMMENDED
MOUNTING HOLE



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ± 1°

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MATERIAL

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REFERENCE

EAR # 363 AND GEN# 31-5431-10RFX-ASSY

CONFIGURATION LEVEL: In Work

FINISH

DRAWN

M. ZHANG

ENGINEER

O. BARTHELMES

APPROVED

S. HSIEH

CAD FILE

DATE

26-Jul-16

DATE

2/22/02

DATE

26-Jul-16

TITLE

BNC R/A PCB MOUNT
RECEPTACLE (AUTO BENDING
& MOUNTING HOOK)

SCALE: 3.0:1.0

SHEET 2 OF 2

DWG SIZE

B

REV

E

Amphenol RF

www.amphenolrf.com

DRAWING NO. B6252H5-NPP3G-50

ITEM NO. 016252AAA07MB5F

PART NO. 31-5431-10RFX

Mouser Electronics

Authorized Distributor

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