

NOTES:

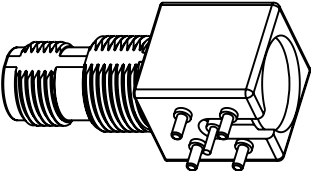
1. MATERIALS AND FINISHES:
BODY - ZINC ALLOY, MATTE TIN PLATING
CONTACT - BRASS, GOLD PLATING
COVER - BRASS, MATTE TIN PLATING
FRONT INSULATOR - PTFE
REAR INSULATOR - PBT

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 1.0 GHz
C. VSWR(RETURN LOSS): 1.4 (16 dB), MAX.
D. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.

3. MECHANICAL:
A. DURABILITY: 100 CYCLES MIN.
B. TEMPERATURE RANGE: -65° C TO 165° C

4. PACKAGE PER SPEC 349-50900. KEY ELEMENTS INCLUDE:
A. UNIT-BOX LABEL CAN NOT CONTAIN ANY REFERENCES TO MOTOROLA OR MOTOROLA SOLUTIONS BRAND NAME, LOGOS, IMAGES OR GRAPHICS.
B. ESD SENSITIVE COMPONENTS MUST BE PACKAGED PER ANSI/ESD S 541, IN CLEAN, NON-CORROSIVE MATERIALS WITH PROTECTIVE ELECTRICAL PROPERTIES, AND IDENTIFIED WITH ESD CAUTIONARY LABELS.
C. ALL BOX FILLING MATERIAL TO FILL EMPTY SPACE IN CARTONS MUST BE ROHS 2002 COMPLIANT.
D. PACKAGING MUST BE MARKED WITH APPLICABLE RECYCLING LOGOS. PLASTICS MUST BE MARKED WITH APPROPRIATE MATERIAL DESIGNATION.
E. WEIGHT OF CONTAINER, FILLED WITH PRODUCT AND ALL INTERIM PROCESS CONTAINERS, SHALL NOT EXCEED 40 LBS.
F. SHIPPING BOXES MUST BE PRINTED WITH BOX CERTIFICATE AND PACKING LIST WITH BAR CODES FOR PO. QTY, SYMBOL PART NUMBER, & COUNTRY OF ORIGIN.
G. TAPE MUST BE USED FOR CLOSING THE PACKAGES. SINGLE AND DOUBLE COVER BOXES SHOULD BE Banded AND NOT Taped.

THIRD ANGLE PROJ.



SCALE 1.000

REV

DESCRIPTION

DATE

ECO

APPR

A

RELEASE TO MFG.

27-Jun-05

45603

HP

E

SYNC ARFA AND DANBURY DRAWING;
BODY, INSULATOR AND CENTER PIN CHANGE WITH
REAL NUMBER

12-Jul-11

48621

D.H.

F

MODIFY NOTE 1 REAR INSULATOR MATERIAL SPEC.
\\RD-DMI3062701S2

09-Jul-13

49621

HARRY

G

UPDATED PACKAGING NOTE TO REFLECT SPEC 349-50900
RD-DMI5051201R3

21-May-15

50489

RM

38,1
[1.500]

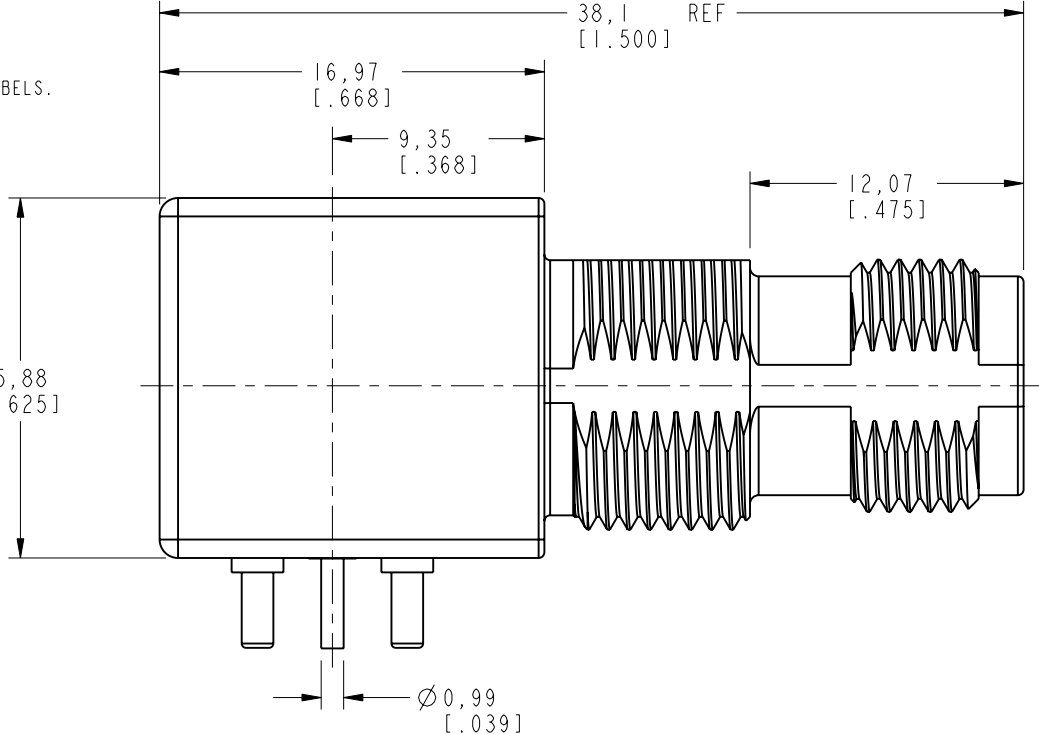
16,97
[.668]

9,35
[.368]

12,07
[.475]

15,88
[.625]

Ø 0,99
[.039]



14,73
[.580]

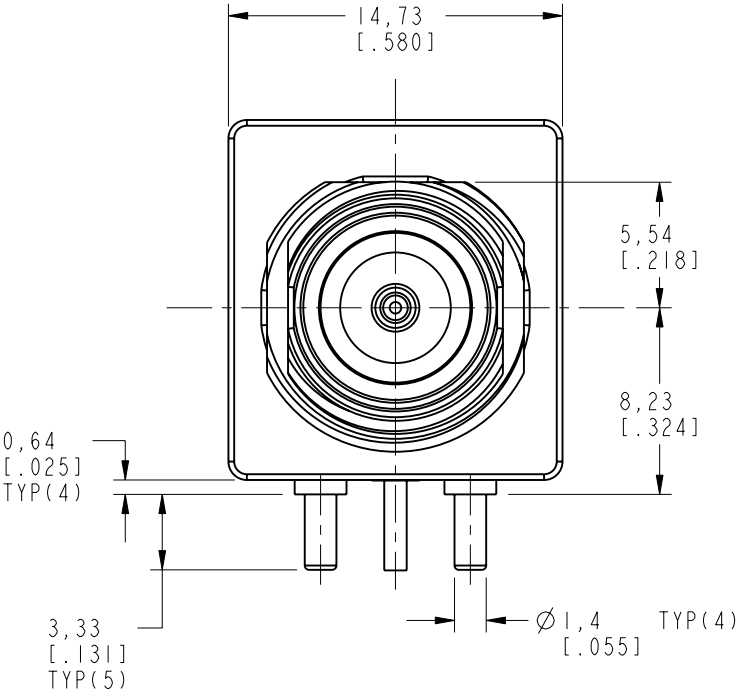
5,54
[.218]

8,23
[.324]

0,64
[.025]
TYP(4)

3,33
[.131]
TYP(5)

Ø 1,4
[.055]

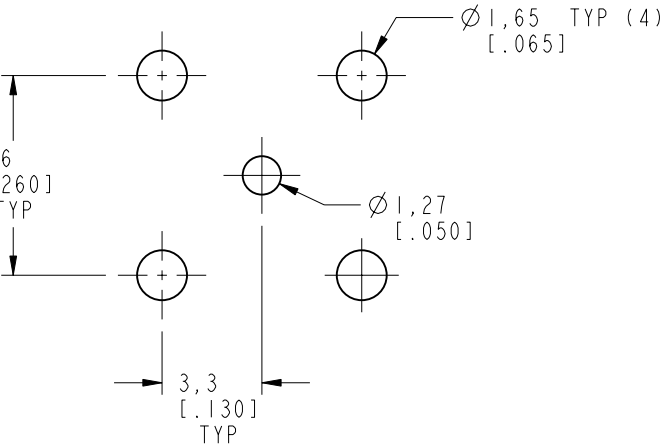


Ø 1,65 TYP (4)
[.065]

6,6
[.260]
TYP

3,3
[.130]
TYP

Ø 1,27
[.050]

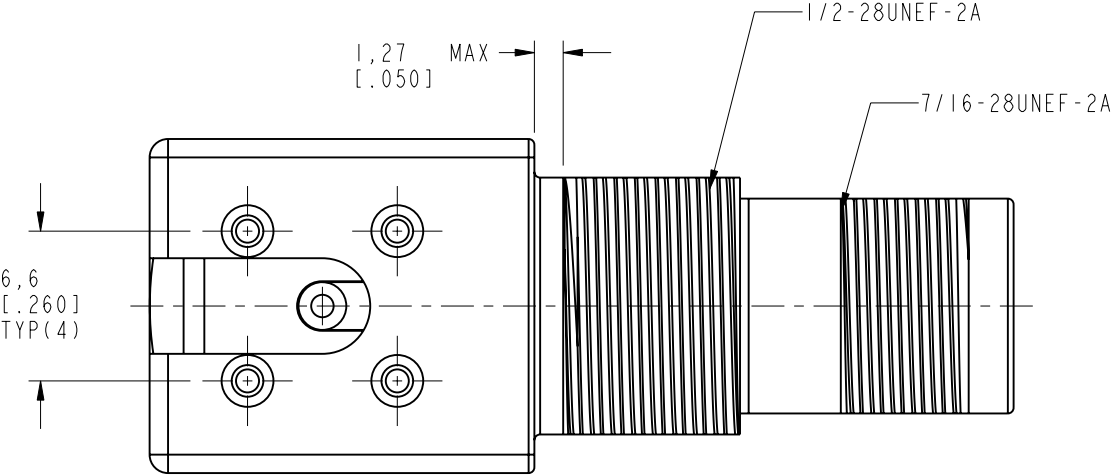


1,27
[.050] MAX

1/2-28UNEF-2A

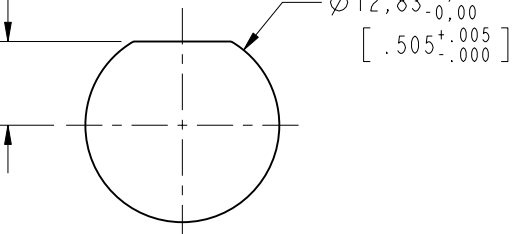
7/16-28UNEF-2A

6,6
[.260]
TYP(4)



5,54^{+0,07}_{-0,00}
[.218^{+0,003}_{-.000}]

Ø 12,83^{+0,12}_{-0,00}
[.505^{+0,005}_{-.000}]



RECOMMENDED PCB MOUNTING DIMENSIONS

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°

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 NOTE

REFERENCE
1608 AND 611X-4199-100

CONFIGURATION LEVEL: In Work

FINISH

DRAWN
S. DUAN

ENGINEER
H. PARIKH

APPROVED
S.HSIEH

CAD FILE

DATE
02-Jul-13

DATE
21-Jun-05

DATE
21-May-15

TITLE
TNC (RP) R/A
PCB BULKHEAD
BODY TIN PLATED

SCALE: 3.0:1.0 | SHEET 2 OF 2

DWG SIZE
B

REV
G

Amphenol RF
www.amphenolrf.com

DRAWING NO.31-6240-3

ITEM NO. 31-6240-3

PART NO. 31-6240-3

Downloaded from [Arrow.com](#)