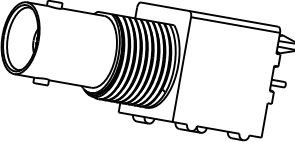


NOTES:
1. MATERIALS AND FINISHES:
BODY - ZINC DIE CAST, NICKEL PLATING
CONTACT - PHOSPHOR BRONZE, GOLD PLATING (.000003 THICK)
@ CONTACT AREA ONLY, TIN PLATING AT TAIL, NICKEL PLATED OVERALL
INSULATOR - POLYPROPYLENE
HOUSING - PBT 15% G.F. , BLACK
FORK PIN - BRASS, TIN PLATING
GROUNDNG TERMINAL - STEEL, TIN PLATING
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 1 GHz
C. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.
3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -55° C TO 85° C
4. PACKAGING- SEE TABLE
5. SEPERATELY SUPPLIED MOUNTNG HARDWARE TO BE
TIGHTENED TO 10 IN-LBS MIN/15 IN-LBS MAX
WHEN ASSEMBLING TO PANEL

THIRD ANGLE PROJ.



REV

DESCRIPTION

DATE

ECO

APPR

A

RELEASE TO MFG

1/20/93

39301

JM

D

SEE SHEET I

5/28/99

42989

CPM

E

SEE SHEET I

2/3/05

45260

CPM

F

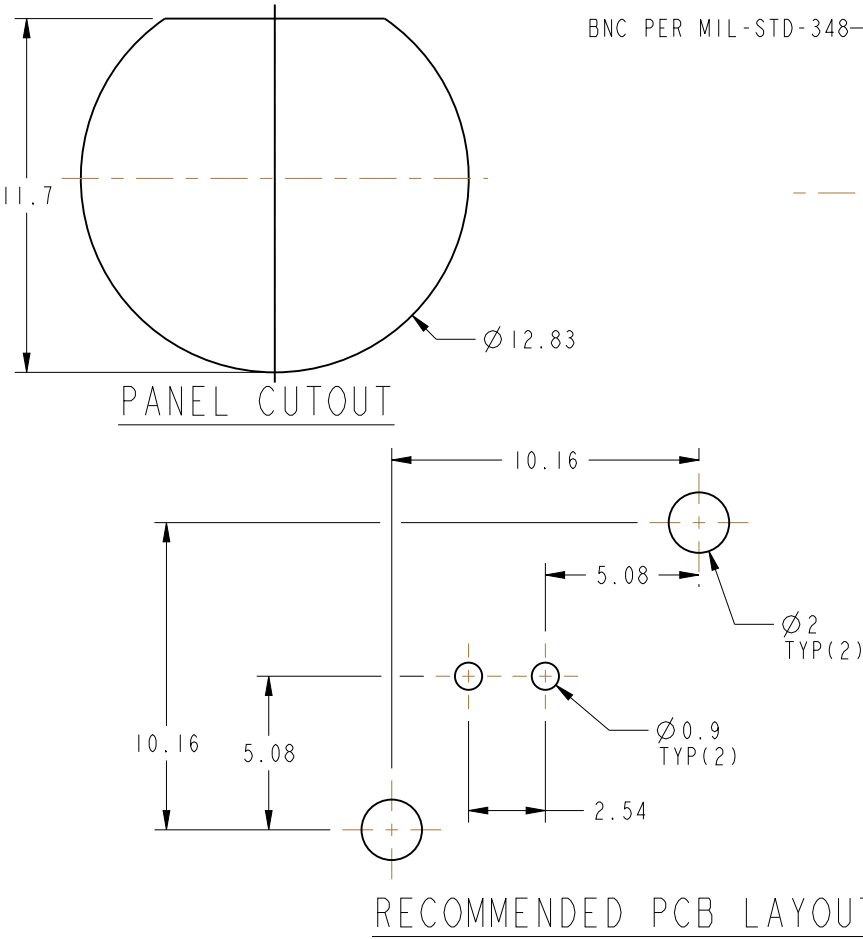
UPDATED FORMAT AND NOMINAL ENVELOPE DIMENSIONS

9/10/12

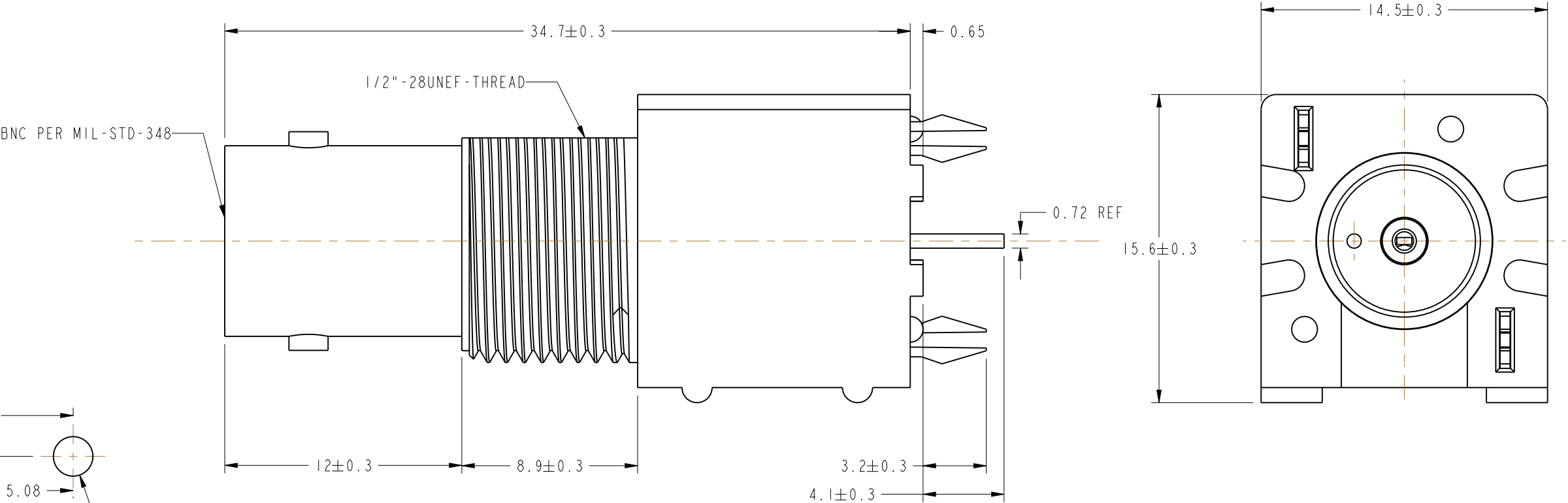
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EW

SCALE 1.000



The diagram shows a circular panel cutout with a diameter of 12.83 mm and a height of 11.7 mm. Below it is a recommended PCB layout with dimensions: 10.16 mm for the overall width and height, 5.08 mm for the spacing between mounting holes, and 2.54 mm for the distance from the edge to the mounting holes. The mounting holes are labeled as Ø2 TYP(2) and Ø0.9 TYP(2).



The main assembly drawing shows the BNC connector with dimensions: 34.7±0.3 mm for the overall length, 12±0.3 mm for the body length, 8.9±0.3 mm for the thread length, 3.2±0.3 mm for the pin length, and 4.1±0.3 mm for the pin diameter. The thread is labeled as 1/2"-28UNEF-THREAD. The pin is labeled as 0.72 REF. The overall width is 14.5±0.3 mm and the height is 15.6±0.3 mm. The drawing also shows a BNC PER MIL-STD-348 label.

PART NUMBER	PACKING INSTRUCTIONS
31-5539-1010	BAG 999-226 MARK BAG "31-5539-1010 YYWW"
31-5539-4010	BULK PACK 50 IN TRAY 999-511

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

<div>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°</div> <div>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 sperson 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.</div>	MATERIAL -	DRAWN ERIC WANKOFF	DATE 25-Jun-12	TITLE 50 OHM BNC STR JACK, ISOLATED		Amphenol RF www.amphenolrf.com	
	REFERENCE	ENGINEER R VACCARO	DATE 1-20-95			DRAWING NO. 31-5539-XXXX	
	CONFIGURATION LEVEL:	APPROVED J MULVEY	DATE 8-25-92	SCALE: 4.0:1.0	SHEET 2 OF 2	ITEM NO. 31-5539-XXXX	
	FINISH	CAD FILE		DWG SIZE B	REV F	PART NO. 31-5539-XXXX	