

1. MATERIALS AND FINISHES:  
BODY & OUTER CONTACT - BRASS, WHITE BRONZE PLATING  
CONTACT - BeCu, SILVER PLATING  
INSULATOR - PTFE, NATURAL

2. ELECTRICAL:

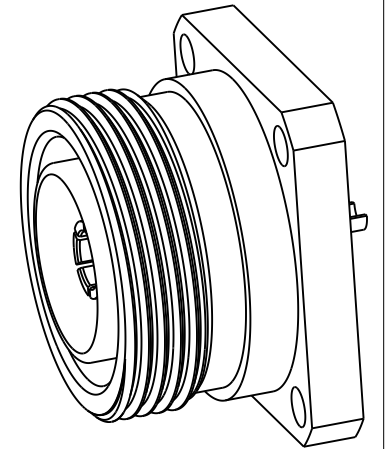
- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: DC - 2 GHz
- C. VSWR(RETURN LOSS): 1.05 (32 dB), MAX.
- D. THIRD ORDER INTERMODULATION DISTORTION, MAXIMUM  
-120 dBm WITH 2+43 dBm CARRIERS (-163dBc).

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, 716-24, AND DATE CODE"

## REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	08-Jan-98	42300	ORB
B	FORMAT UPDATED & COD SHEET ADDED	9/2/16	1385	AAP

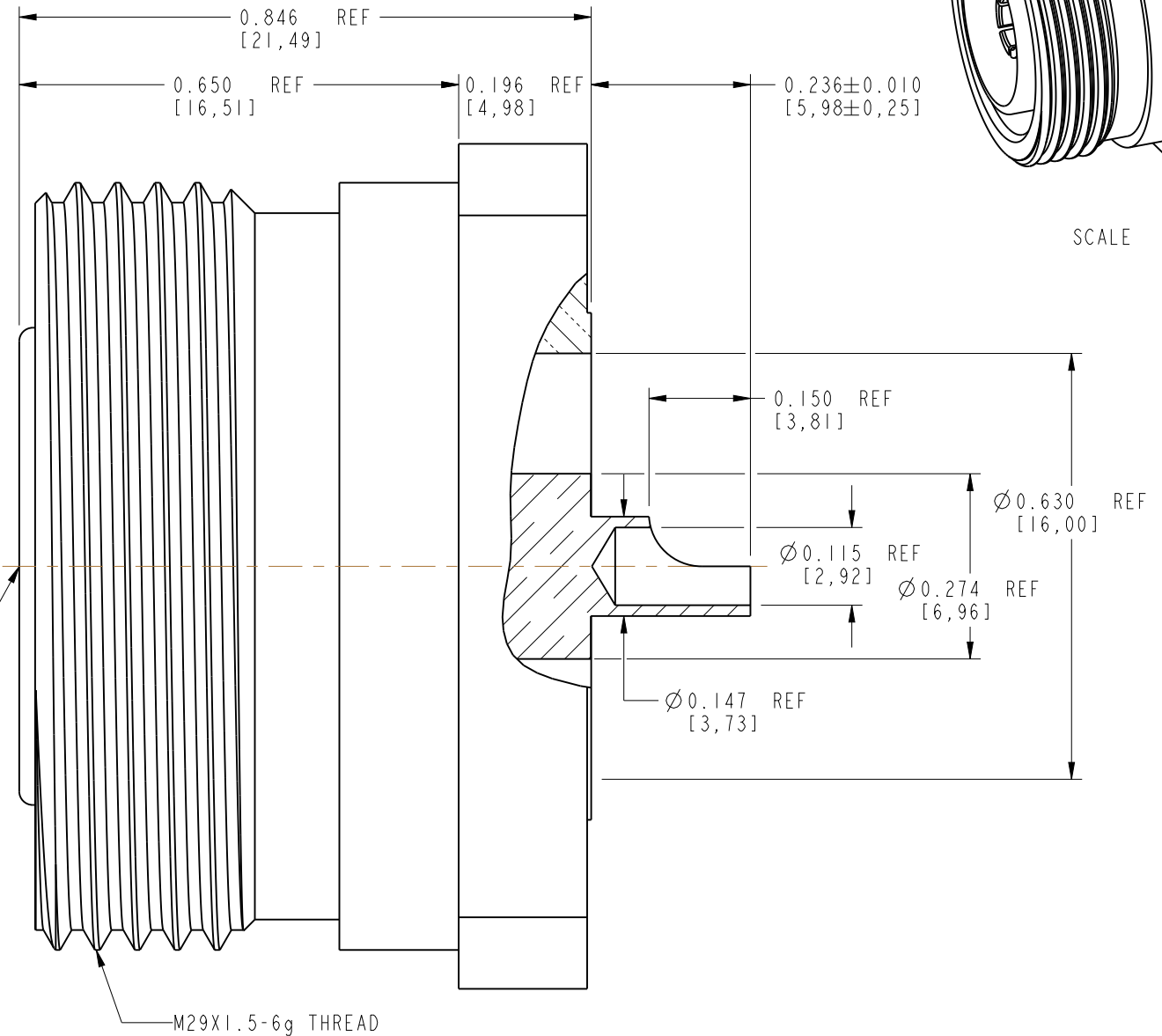


Technical drawing of a circular component, likely a lens or filter, showing concentric rings and mounting holes. The drawing includes the following dimensions and specifications:

- Overall diameter:  $\square 1.250$  REF [31,75]
- Inner diameter:  $\square 0.976$  REF [24,79]
- Outer ring thickness:  $\square 0.142$  REF [3,61] TYP(4)
- Inner ring thickness:  $\square 1.625$  REF [41,28]

The component features a central circular area with a crosshair, surrounded by concentric rings. The outermost ring has a serrated edge. Four mounting holes are located at the corners of the square frame. The drawing is labeled with 'INTER IEC 169-4, D SERIES : 7'.

INTERFACE PER-  
IEC 169-4, DIN 47223  
SERIES : 7/16 JACK



ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

<div>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL      3 PLACE DECIMAL      ANGLES ±.015 (0,381 mm)      ±.005 (0,127 mm)      ± 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 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.</div>	MATERIAL	DRAWN	DATE	TITLE 7/16 STR JACK PANEL MOUNT RECEPTACLE		Amphenol RF  www.amphenolrf.com		
	SEE NOTES	A ARUN PRABU	01-Jul-16					
			ENGINEER	DATE				
		REFERENCE EAR # 966519-3 AND GEN# ASSYF22-716	OWEN BARTHELMES	02-Dec-97				
		CONFIGURATION LEVEL: In Work	APPROVED	DATE	SCALE: 4.0:1.0		SHEET	2 OF 2
	FINISH	K. CAPOZZI	19-Jul-16	DWG SIZE		REV		
		CAD FILE		B		B		

# Mouser Electronics

Authorized Distributor

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[716-24](#)