NOTES:

I. MATERIALS AND FINISHES: BODY - BRASS, NICKEL PLATING CONTACT - BeCu, GOLD PLATING INSULATOR - PTÉE, NATURAL

CAP - PHOS. BRONZE, NICKEL PLATING

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 18 GHz

C. VSWR(RETURN LOSS): 1.15 (-23 dB) MAX. DC-8 GHz I.20 (-20 dB) MAX. 8-18 GHz

D. AVG. POWER: 2 WATTS (POWER DERATED LINEARLY FROM 20°C

TO | WATT AT |25°C)

E. PEAK POWER: 200 WATTS (PEAK POWER FOR 1% DUTY CYCLE OF 0.005 MAX. PULSE DURATION OF 5 MICROSECONDS)

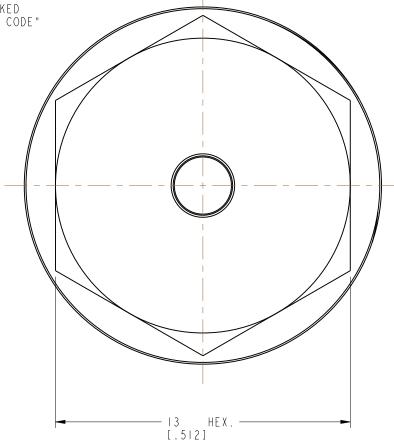
A. DURABILITY: 500 CYCLES MIN.

B. TEMPERATURE RANGE: -65° C TO 165° C

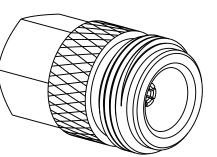
4. PACKAGING:

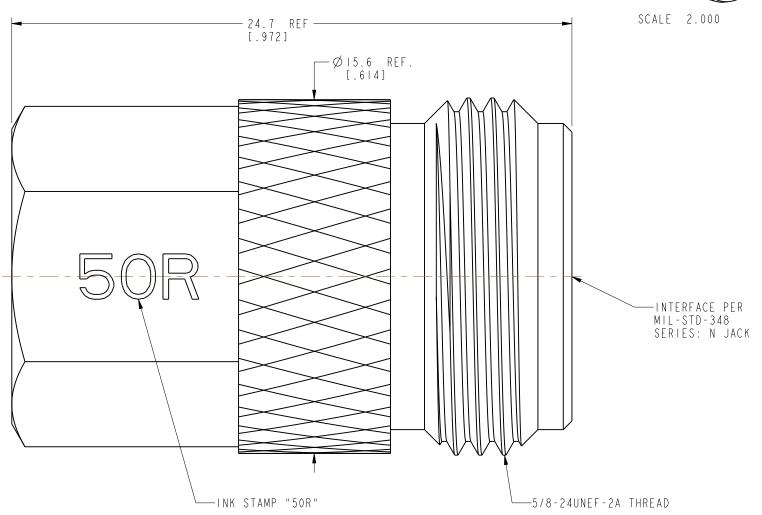
A. QUANTITY: SINGLE PACK

B. MARKING: PACKAGING TO BE MARKED "AMPHENOL RF, 82-6693 & DATE CODE"









## **CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

 <0.5mm</td>
 0.5 - 6mm
 6 - 30mm
 30 - 120mm

 ± 0.05mm
 ±0.1mm
 ±0.2mm
 ±0.3mm

 ANGLES ±1° NOTICE - These drawings, specifications, or other data (I) 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.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

MATERIAL	DRAWN	DATE
SEE NOTES	C. VIGORITO	25 - Jan - 19
	ENGINEER	DATE
REFERENCE	C. VIGORITO	25 - Jan - 19
EAR# 8746	APPROVED	DATE
REF:	K. CAPOZZI	06 - May - 19
CONFIGURATION LEVEL: In Work	CAD FILE	
FINISH		

TERMINAT 18 GHz T 2 WATTS	ION JACK YPE N	
SCALE: 6.0:1.0	SHEET 2 OF 2	
DWG SIZE	REV	
R	Ι Δ	

Amphenol RF
www.amphenolrf.com
DRAWING NO. 82-6693
ITEM NO. 82-6693
PART NO. 82-6693

## **Mouser Electronics**

**Authorized Distributor** 

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