

## NOTES:

1. MATERIALS AND FINISHES:  
BODY - ZINC DIE CAST, NICKEL PLATING (.000100 THICK MIN)  
RESISTOR CONTACT - 75 OHMS 1/4 WATT, COPPER WIRE LEAD, MATTE TIN PLATING  
INSULATOR - PTFE  
CAP - PE

2. ELECTRICAL:  
A. IMPEDANCE: 75 OHM  
B. FREQUENCY RANGE: DC - 3 GHz  
C. VSWR(RETURN LOSS): 24 dB @ 2 GHz MIN.

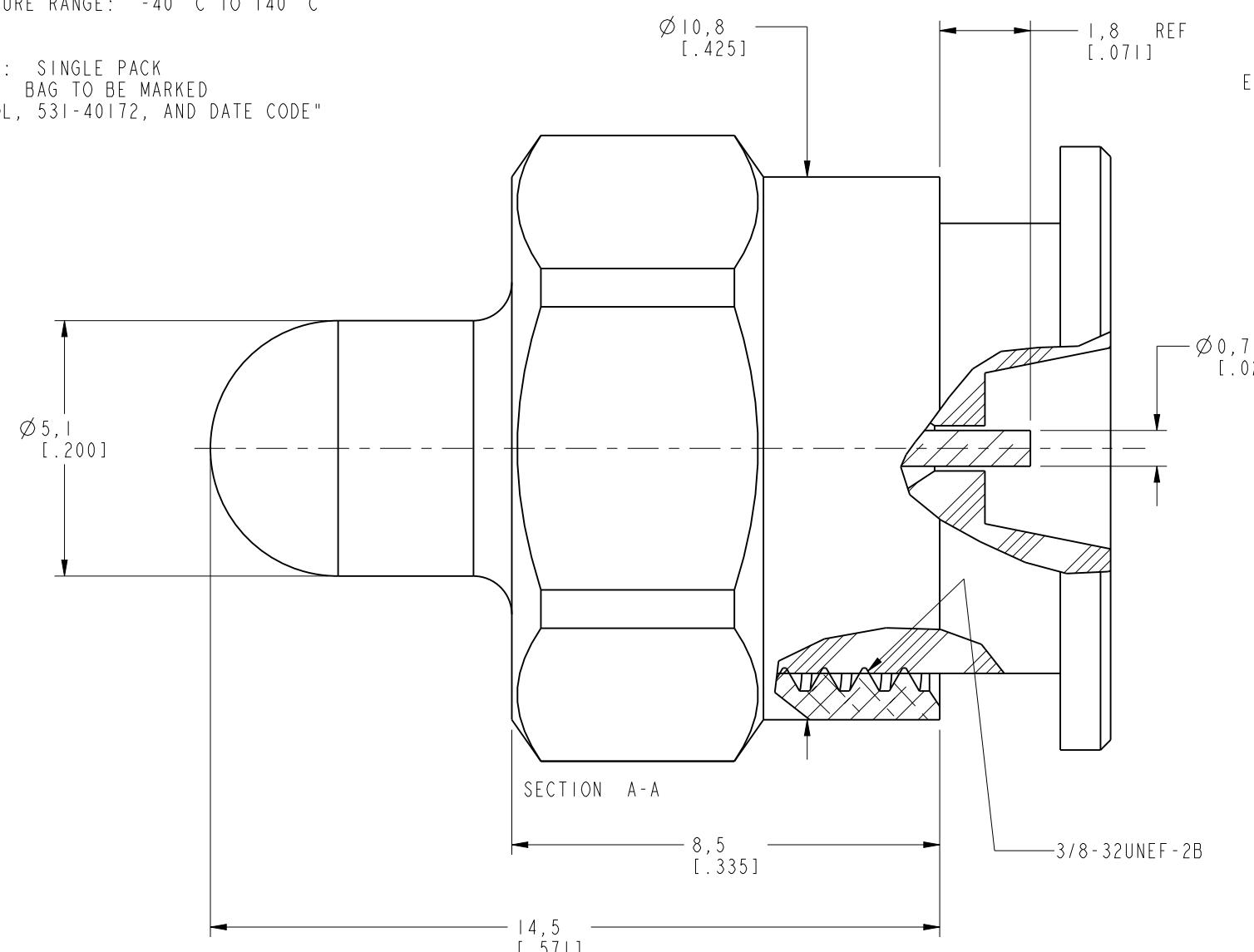
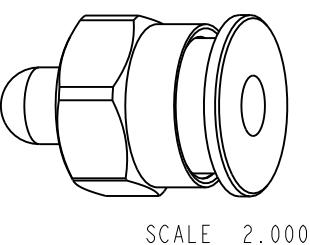
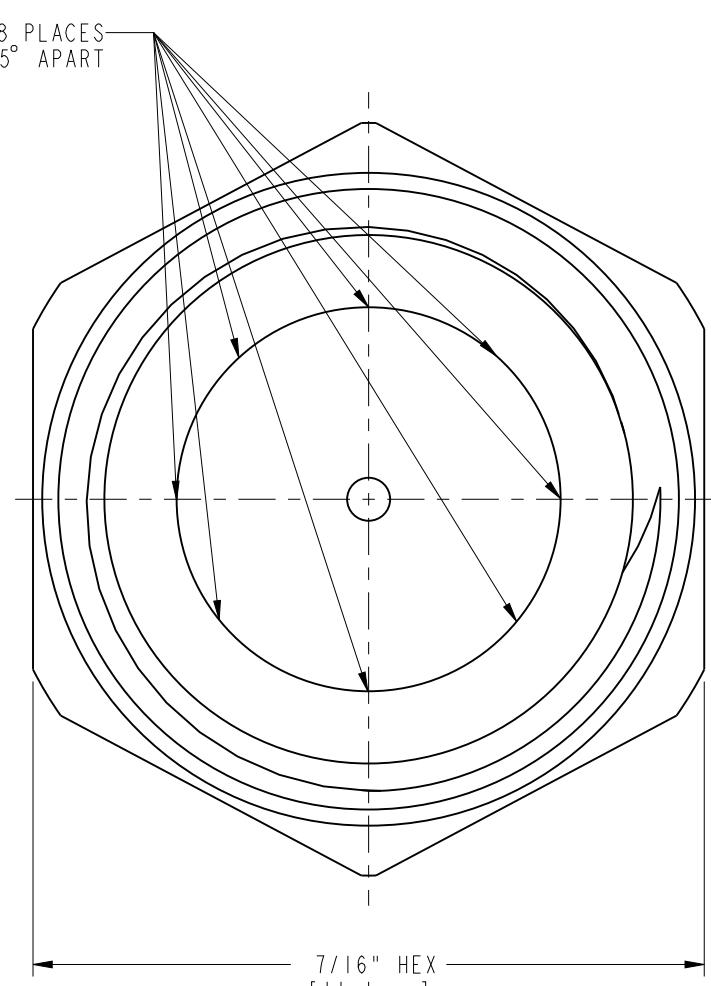
3. MECHANICAL:  
A. DURABILITY: 100 CYCLES MIN.  
B. TEMPERATURE RANGE: -40° C TO 140° C

4. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL, 531-40172, AND DATE CODE"

THIRD ANGLE PROJ. 

## REVISONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	12/16/03	44738	KJC
B	CHANGED BRIGHT TIN PLATING TO NICKEL	1/23/09	47393	MY
C	ADDED CAP TO CONNECTOR	6/15/10	48066	CPM
D	"1.8REF." WAS "2.54±0.25"; ADDED DIA .425	18-Aug-11	48259	SCOTT
E	ADD STAKING\DMI2053101SI	31-May-12	49114	SL

STAKE IN 8 PLACES  
EQUALLY SPACED 45° APART
**CUSTOMER OUTLINE DRAWING**  
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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

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MATERIAL SEE NOTES	DRAWN S.LI	DATE 05-Jun-12	TITLE F TERMINATION	Amphenol RF
	ENGINEER K.CAPOZZI	DATE 14-Oct-03		Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com
	REFERENCE EAR # 1135 616X-1112-100 MOTOROLA 482093	APPROVED S.HSIEH		DRAWING NO. 531-40172
	CAD FILE	DATE 05-Jun-12		ITEM NO. 531-40172
FINISH	SCALE: 8.0:1.0	SHEET 2 OF 2	DWG SIZE B	REV E
				PART NO. 531-40172