

# SPECIFICATIONS

## ELECTRICAL

FREQUENCY RANGE \_\_\_\_\_ DC - 67 GHz  
 VSWR \_\_\_\_\_  
 DC - 67 GHz \_\_\_\_\_ 1.35:1 MAX  
 POWER (AVG. MAX.) \_\_\_\_\_ 20 Watts @25°C  
 IMPEDANCE \_\_\_\_\_ 50 OHMS  
 RF LEAKAGE \_\_\_\_\_ >90 dBc  
 OPERATING TEMP. RANGE \_\_\_\_\_ -55 - 125°C  
 PHASE MATCHING \_\_\_\_\_ ±10°(TO P/N's 6782-0000-00  
 AND 6781-0000-00)

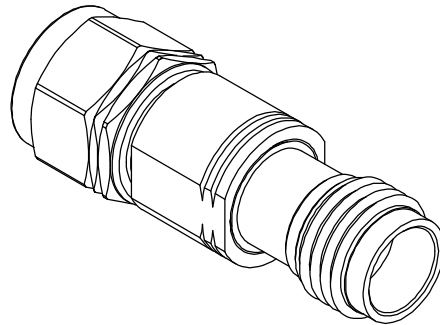
## MATERIAL AND FINISH:

HOUSING, COUPLING NUT \_\_\_\_\_ GOLD PLATED  
 STAINLESS STEEL  
 CONTACT \_\_\_\_\_ GOLD PLATED  
 BERYLLIUM COPPER

DIELECTRIC \_\_\_\_\_ PTFE

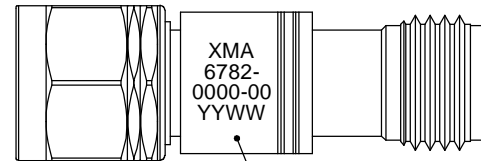
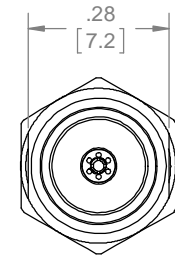
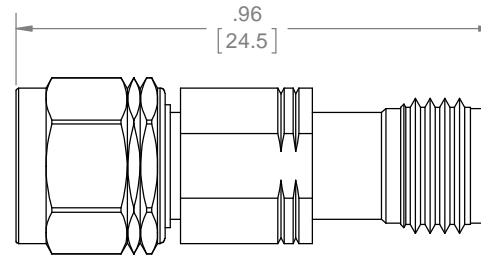
## MARKING

PART LOOKS LIKE PRODUCT IMAGE ABOVE.  
 PART MARKING ORIENTATION AND FORMAT AS SHOWN.  
 MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE.  
 YYWW EQUALS DATE CODE.



## REVISIONS

REV	DESCRIPTION	ECO #	DATE	APPROVED
X1	PRELIMINARY RELEASE		4/13/15	T.KUHN
X2	REVISED MARKING & SPECIFICATIONS	15-ER017	10/9/15	T.KUHN
X3	ROTATED COLLAR (180°)	15-ER017	12/7/15	T.KUHN
X4	REVISED VSWR	15-NP016	5/12/16	T.KUHN



MARKING AREA

QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	6782-0000-00	ADAPTER, 1.85mm-m/f, DC-67 GHz, 20W	
1	TA-6782-0000-00U	ASSY, ADAPTER, 1.85mm-m/f, DC-67 GHz, 20W, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y14.5 MIL-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED TOLERANCES IN:	DRAWN MCCORMICK	DATE 4/13/15
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING	DECIMALS INCH [MM]	CHECKED MCCORMICK	DATE 4/13/15
SURFACE ROUGHNESS	.X" .05" [1.27]	ENG. APPR. T.KUHN	DATE 4/13/15
FINISH:	.XX" .03" [.76]		
SEE NOTES	.XXX" .010" [.25]		
MATERIAL:	ANGLES ±0°30'		
SEE NOTES	REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005"		
NOTE:	UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.		
THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.			
INTERPRET IAW ANSI Y14.5-1982	DO NOT SCALE PRINT		

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ADAPTER, 1.85mm-m/f, DC-67GHz, 20W
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		Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03101	
TITLE			
ADAPTER, 1.85mm-m/f, DC-67GHz, 20W			
SIZE B	CAGE CODE 3HT76	DRAWING NUMBER 6782-0000-00	REV X4
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	