

**SPECIFICATIONS**

**ELECTRICAL**

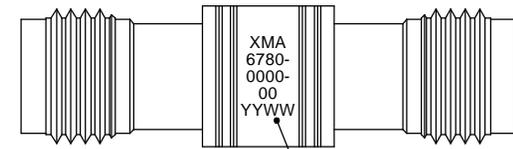
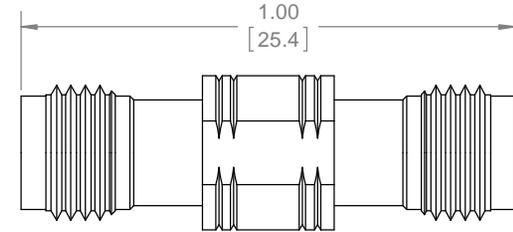
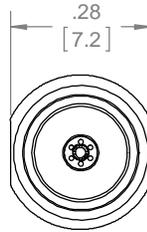
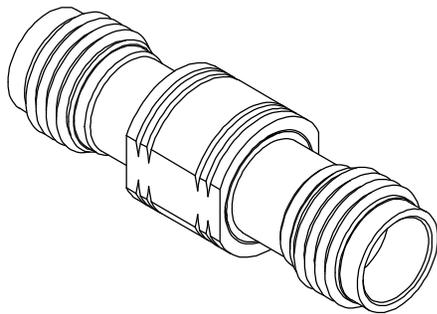
FREQUENCY RANGE \_\_\_\_\_ DC - 67 GHz  
 VSWR \_\_\_\_\_  
 DC - 67 GHz \_\_\_\_\_ 1.35:1 MAX  
 POWER (AVG. MAX.) \_\_\_\_\_ 20 Watts @25°C  
 IMPEDANCE \_\_\_\_\_ 50 OHMS  
 RF LEAKAGE \_\_\_\_\_ >90 dBc  
 OPERATING TEMP. RANGE \_\_\_\_\_ -55 - 125°C  
 PHASE MATCHING \_\_\_\_\_ ±10°(TO P/N's 6782-0000-00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

**MATERIAL AND FINISH:**

HOUSING \_\_\_\_\_ 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.



MARKING AREA

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	REVISED VSWR	15-NP016	5/12/16	T.KUHN

QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	6780-0000-00	ADAPTER, 1.85mm-f/f, DC-67 GHz, 20W	
1	TA-6780-0000-00U	ASSY, ADAPTER, 1.85mm-f/f, DC-67 GHz, 20W, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING	
SURFACE ROUGHNESS μINCHES	63
FINISH:	
SEE NOTES	
MATERIAL:	
SEE NOTES	
NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.	
INTERPRET IAW ANSI Y14.5-1982	

UNLESS OTHERWISE SPECIFIED TOLERANCES IN:	
DECIMALS	INCH [MM]
.X"	.05" [1.27]
.XX"	.03" [.76]
.XXX"	.010" [.25]
ANGLES ±0°30'	
REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.	
DO NOT SCALE PRINT	

DRAWN	DATE
MCCORMICK	4/13/15
CHECKED	DATE
MCCORMICK	4/13/15
ENG. APPR.	DATE
MCCORMICK	4/13/15

Phone: 603-222-2256 Fax: 603-222-2259  
 150 Dow Street, Manchester, NH 03101

TITLE

**ADAPTER, 1.85mm-f/f, DC-67 GHz, 20W**

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	6780-0000-00	X3
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	

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