SPECIFICATIONS

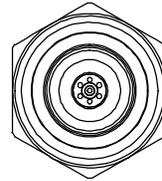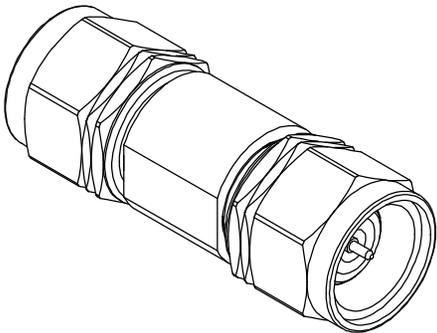**ELECTRICAL**

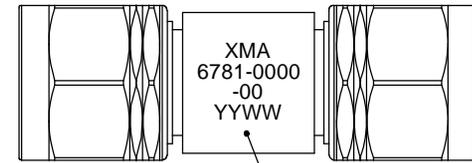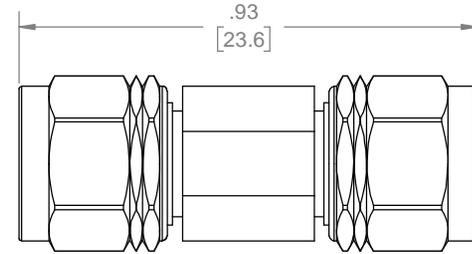|	
FREQUENCY RANGE	DC - 67 GHz
VSWR DC - 67 GHz	1.35:1 MAX
POWER (AVG. MAX.)	20 Watts @25°C
IMPEDANCE	50 OHMS
RF LEAKAGE	>90 dBc
OPERATING TEMP. RANGE	-55 - 125°C
PHASE MATCHING	±10°(TO P/N's 6782-0000-00 AND 6781-0000-00)

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.

.93
[23.6]

XMA
6781-0000
-00
YYWW

MARKING AREA

QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	6781-0000-00	ADAPTER, 1.85mm-m/m, DC-67 GHz, 20W	
1	TA-6781-0000-00U	ASSY, ADAPTER, 1.85mm-m/m, 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

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

XMA Omni Spectra

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

TITLE
ADAPTER, 1.85mm-m/m, DC-67GHz, 20W

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	6781-0000-00	-

SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1