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SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ DC - 65 GHz

VSWR

DC - 18 GHz _____ 1.20:1 MAX
18 - 40 GHz _____ 1.30:1 MAX
40 - 65 GHz _____ 1.60:1 MAX

POWER (AVG. MAX.) _____ 1 WATT @25°C
DERATES LINEARLY TO 10% AT +100°C

IMPEDANCE _____ 50 OHMS NOMINAL

OPERATING/STORAGE TEMP. RANGE _____ -55 TO +100°C

WEIGHT _____ 4.6 GRAMS MAX.

MATERIAL

HOUSING _____ STAINLESS STEEL IAW
ASTM-A484 & ASTM-A582,
ALLOY 303, COND A
CONTACT _____ BERYLLIUM COPPER
DIELECTRIC _____ TEFLON

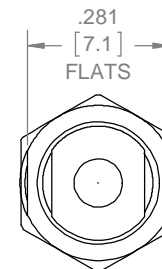
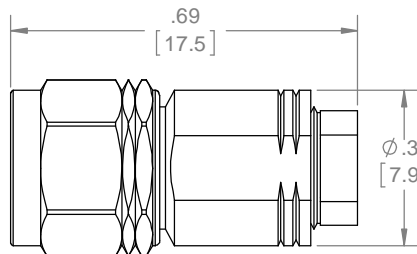
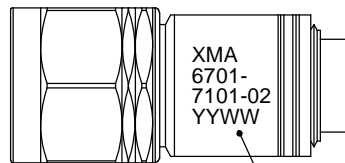
FINISH

HOUSING _____ PASSIVATED STAINLESS STEEL
CONDUCTOR _____ GOLD PLATED IAW MIL-PRF-39012
BEAD CHAIN _____ PASSIVATED

MARKING

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

REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
-	INITIAL RELEASE	15-309	10/16/15	T.KUHN
A	REVISED 40-65 GHz VSWR FROM 1.35:1	16-088	4/22/16	T.KUHN



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	6701-7101-02	TERMINATION, 1.85mm-m, DC-65GHz, 1W	
1	TA-6701-7101-02U	ASSEMBLY, TERMINATION, 1.85mm-m, DC-65GHz, 1W, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING	
SURFACE ROUGHNESS μ INCHES	63
FINISH:	
SEE NOTE	
MATERIAL:	
SEE NOTE	
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 $\pm 0^{\circ}30'$	
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	6/23/15
CHECKED	DATE
MCCORMICK	6/23/15
ENG. APPR.	DATE
T,KUHN	6/23/15

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

TITLE

TERMINATION, 1.85mm-m, DC-65GHz, 1W

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	6701-7101-02	A
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	

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