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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

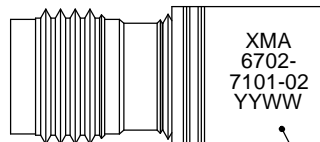
FINISH

HOUSING _____ PASSIVATED
 CONDUCTOR _____ GOLD PLATED IAW MIL-PRF-39012

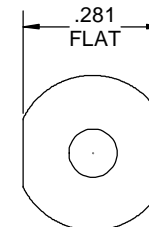
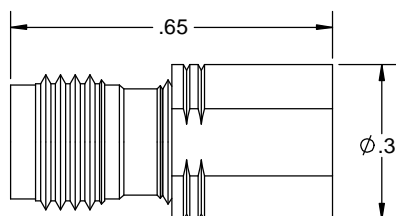
MARKING

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	17-153	10/6/17	T.KUHN



MARKING AREA
CURVED SURFACE



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	6702-7101-02	TERMINATION, 1.85mm-f, DC-65GHz, 1W	
1	TA-6702-7101-02	ASSEMBLY, TERMINATION, 1.85mm-f, 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	63
FINISH:	
MATERIAL:	
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	3/17/17
CHECKED	DATE
MCCORMICK	3/17/17
ENG. APPR.	DATE
T.KUHN	3/17/17

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

TITLE
**TERMINATION, 1.85mm, FEMALE,
 DC-65 GHz, 1 WATT**

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	6702-7101-02	-
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	

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