

5

4

3

2

1

ELECTRICAL

SPECIFICATIONS

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 MAXPOWER (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

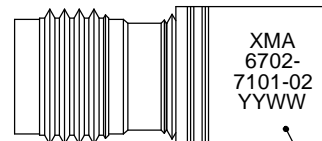
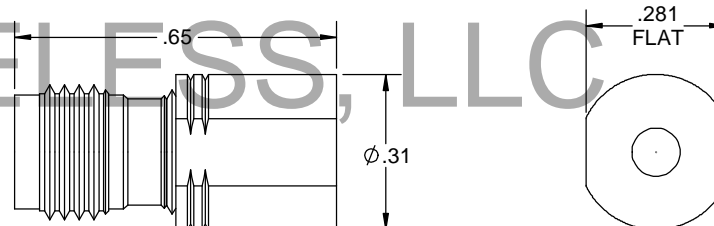
FINISH

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-Y14.5 MIL-STD-100 & 1000	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING	
SURFACE ROUGHNESS μINCHES	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
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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	