

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.) _____ @25°C SEE TABLE
 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

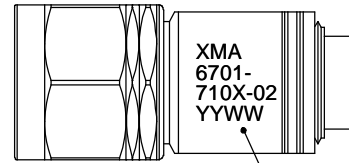
MARKING

PART LOOKS LIKE PRODUCT IMAGE ABOVE.
 PART MARKING ORIENTATION AND FORMAT AS SHOWN.
 REPLACE "X" IN PART NUMBER WITH THE APPROPRIATE
 POWER LEVEL FROM TABLE BELOW.
 MARKING TO BE AS LARGE AS POSSIBLE.
 YYWW IS DATE CODE

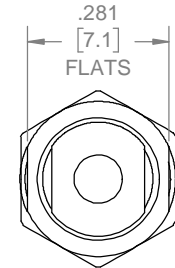
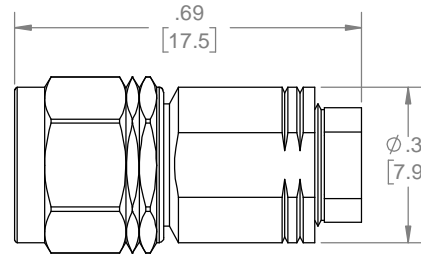
6701-710X-02	POWER LEVEL
X = 0	0.5 WATT
X = 1	1 WATT
X = 2	2 WATT

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
B	ADDED TABLE	20-200	12/21/20	JIM W



MARKING AREA
 CURVED SURFACE



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	6701-710X-02	TERMINATION, 1.85mm-m, DC-65GHz	
1	TA-6701-710X-02U	ASSEMBLY, TERMINATION, 1.85mm-m, DC-65GHz, 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.

DRAWN DATE
 MCCORMICK 6/23/15
 CHECKED DATE
 MCCORMICK 6/23/15
 ENG. APPR. DATE
 T,KUHN 6/23/15

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 TITLE

TERMINATION, 1.85mm-m, DC-65GHz

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	6701-710X-02	B
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	

DO NOT SCALE PRINT