

SPECIFICATIONS

ELECTRICAL

VSWR

DC-18 GHz	1.15:1 MAX.
18-35 GHz	1.30:1 MAX.
35-50 GHz	1.45:1 MAX.

POWER (AVG. MAX.) _____ 2 WATTS @25°C
DERATES LINEARLY TO 10% @ +100°C

OPERATING TEMPERATURE RANGE _____ -55°C to +100°C

MECHANICAL

HOUSING _____ STAINLESS STEEL IAW
ASTM-A484 & ASTM-A582,
ALLOY 303, COND A. PASSIVATED.

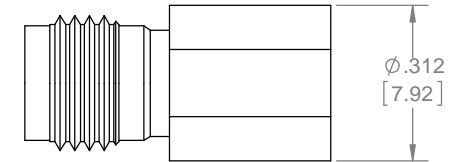
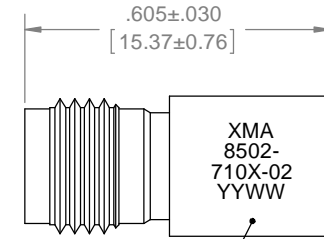
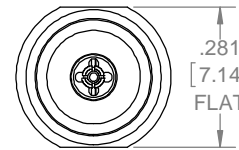
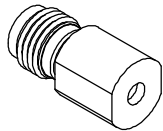
CONTACT _____ BERYLLIUM COPPER, GOLD PLATED
IAW MIL-PRF-39012

DIELECTRIC _____ HIGH TEMPERATURE
PLASTIC BEAD

MARKING:

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

8502-710X-02	POWER LEVEL
X=0	0.5 WATT
X-1	1 WATT
X=2	2 WATTS



REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
B	ADDED STORAGE TEMP		3/29/10	T.KUHN
C	ADDED 2W TO TABLE	12-034	11/2/12	T.KUHN
D	ADDED MARKING	15-286	9/24/15	T.KUHN

QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	8502-710X-02	TERMINATION, 2mm-f, DC-50GHz	
1	TA-8502-710X-02U	ASSEMBLY, TERMINATION, 2mm-f, DC-50GHz. 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 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 $\pm 0^{\circ}30'$


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 2/11/09

CHECKED DATE
MCCORMICK 2/11/09

ENG. APPR. DATE
T.KUHN 2/11/09



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

TITLE
TERMINATION, 2.4mm-f, DC-50 GHz, 2W

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	8502-710X-02	D
SCALE	PLATED AREA SQ. IN	SHEET	OF
		1	1