

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ DC TO 6, 12.4 OR 18 GHz

VSWR

DC - 4 GHz _____ 1.15:1 MAX
4 - 12.4GHz _____ 1.20:1 MAX
12.4 - 18 GHz _____ 1.25:1 MAX

POWER (AVG) _____ 5 WATTS

DERATING: FULL @ <25°C AMBIENT TO 20% @ 125°C

POWER (PEAK) _____ 500 WATTS MAX.

@5 µSEC PULSE WIDTH x 0.25% DUTY CYCLE

IMPEDANCE(NOM.) 50 OHMS

MECHANICAL

CENTER CONDUCTOR _____ BERYLLIUM COPPER
PER QQ-C-530. GOLD PER
MIL-G-45204 OVER
COPPER PLATE PER MIL-C-
14550

OUTER CONDUCTOR _____ STAINLESS STEEL PER
ASTM A484 & A582, CLASS
303, COND. A. PASSIVATED
PER ASTM A380

HOUSING _____ ALUMINUM PER
QQ-A-225(2024). BLACK
ANODIZE

DIELECTRIC _____ TEFLON PER ASTM D1710.

RoHS COMPLIANT DEVICE

MARKING

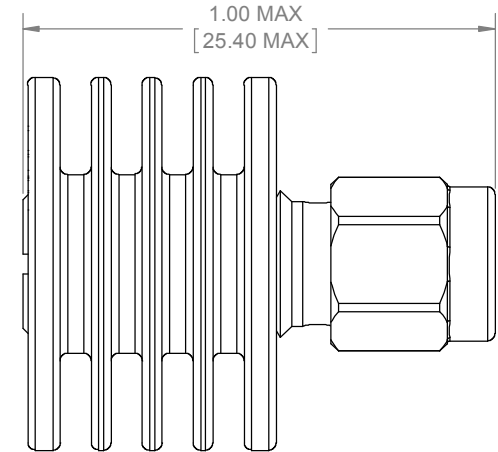
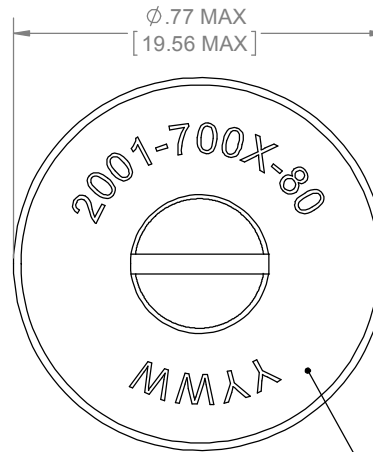
PART LOOKS LIKE PRODUCT IMAGE ABOVE.
PART MARKING ORIENTATION AND FORMAT AS SHOWN.
MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE.
REPLACE "X" WITH FREQ. RANGE SPECIFIED ON WORK ORDER.
YYWW EQUALS DATE CODE.

ORDERING INFORMATION

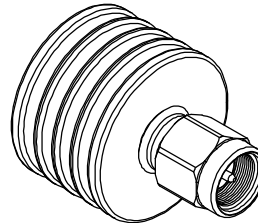
X=	FREQUENCY RANGE
2	DC-6GHz
3	DC-12.4GHz
4	DC-18GHz

REVISIONS

REV	DESCRIPTION	ECO #	DATE	APPROVED
-	INITIAL RELEASE	14-330	10/01/14	T.KUHN



MARKING SURFACE



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	2001-700X-80	TERMINATION, SMA-m, 5W	
1	TA-2001-700X-80U	ASSEMBLY, TERMINATION, SMA-m, 5W, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y-14.5
MIL-STD-100 & 1000DIMENSIONS ARE IN INCHES AND
APPLY BEFORE / AFTER PROCESSINGSURFACE
ROUGHNESS
µINCHES

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 ±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
MCCORMICKDATE
8/1/14CHECKED
MCCORMICKDATE
8/1/14ENG. APPR.
T.KUHNDATE
8/1/14

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

TERMINATION, SMA-m, 5W

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	2001-700X-80	-
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	