

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ SEE TABLE

VSWR(MAX.)

DC - 6 GHz	1.05:1 +.015f(GHz)
6 - 12.4GHz	1.20:1
12.4 - 18 GHz	1.25:1

POWER (AVG) _____ 10 WATTS

DERATING: FULL @<25°C AMBIENT TO 10% @125°C

POWER (PEAK) _____ 500 WATTS MAX.

@5 µSEC PULSE WIDTH x 1% DUTY CYCLE

OPERATING RANGE _____ -65°C TO +125°C

MECHANICAL

CENTER CONDUCTOR _____ BERYLLIUM COPPER
PER QQ-C-530. GOLD PER
MIL-G-45204 OVER COPPER
PLATE PER MIL-C-14550OUTER CONDUCTOR _____ STAINLESS STEEL PER
ASTM A484 & A582, CLASS
303, COND. A. PASSIVATED
PER ASTM A380HOUSING _____ ALUMINUM PER
QQ-A-225(2024). BLACK
ANODIZE

MARKING

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

ORDERING INFORMATION

X=	FREQUENCY RANGE
9	DC-6GHz
8	DC-12.4GHz
7	DC-18GHz

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

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 _____ DATE

MCCORMICK 9/24/14

CHECKED _____ DATE

MCCORMICK 9/24/14

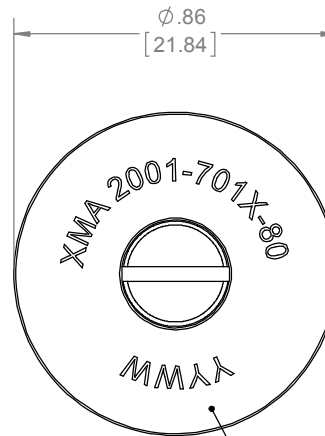
ENG. APPR. _____ DATE

T.KUHN 9/24/14

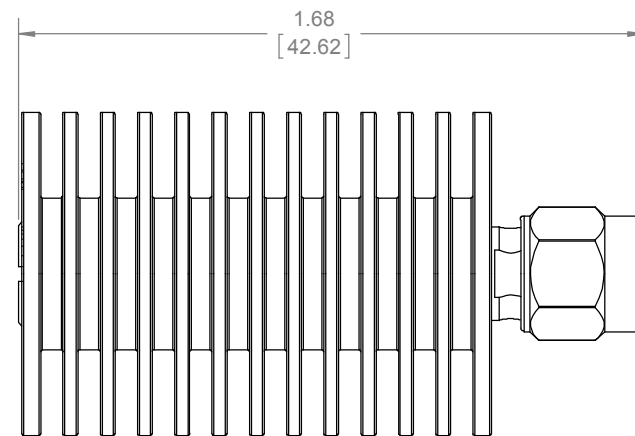
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REVISIONS

REV	DESCRIPTION	ECO #	DATE	APPROVED
-	INITIAL RELEASE	14-330	9/24/14	T.KUHN



MARKING SURFACE



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	2001-701X-80	TERMINATION, SMA-m, DC-18GHz, 10W	
1	TA-2001-701X-80U	ASSEMBLY, TERMINATION, SMA-m, DC-18GHz, 10W, UNMARKED	1

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

TITLE

TERMINATION, SMA-m, DC-18GHz, 10W

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	2001-701X-80	-
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	