

5

4

3

2

1

SPECIFICATIONS

FREQ. RANGE _____ DC TO 18 GHz

VSWR(MAX): _____ 1.10:1

POWER (AVG) _____ 1 WATT
(DERATES LINEARLY TO 10% @ 125°C)PEAK POWER _____ 500 WATTS MAX
(5µSEC PW, .05% DUTY CYCLE)OPERATING TEMP _____ 4° KELVIN TO +125°C
150° C STORAGE

MATERIALS:

OUTER CONDUCTOR _____ STAINLESS STEEL NON MAGNETIC ASTM
A484 & A582, CLASS 303, COND. A.CENTER CONDUCTOR _____ BERYLLIUM COPPER PER ASTM B196 &
B197 1/2 HARD.

DIELECTRIC _____ TEFLON PER ASTM D1710.

FINISH:

COUPLING NUT _____ SEE TABLE BELOW

BODY _____ SEE TABLE BELOW

CENTER CONDUCTOR _____ GOLD PLATED PER MIL-G-45204

ORDERING INFORMATION (-XX)

-00 GOLD PLATED BODY AND COUPLING NUT

-01 GOLD PLATED BODY AND PASSIVATED NUT

-02 PASSIVATED BODY AND COUPLING NUT

REVISIONS

REV	DESCRIPTION	ECO #	DATE	APPROVED
X1	PRELIMINARY RELEASE	13-ER042	10/10/13	T. KUHN
A	CHNG 0°K TO 4°K	13-250	10/18/13	T. KUHN

SMA PLUG
PER MIL-STD-348

MARKING

.312 HEX

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	TOLERANCES IN:
SURFACE ROUGHNESS INCHES 63 ✓	DECIMALS INCH DIMS
FINISH SEE NOTES	.X" .03" [.76]
MATERIAL SEE NOTES	.XX" .010" [.25]
NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.	.XXX" .005 [.127]
INTERPRET IAW ANSI Y14.5-1982	.XXXX" .0005" [.013]
	ANGLES ±0°30'
	REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005"
	UNLESS OTHERWISE NOTED DIA5 CONCENTRIC <.003 T.I.R.
	DO NOT SCALE PRINT

DRAWN	DATE
V. SHELBY	3/28/13
CHECKED	DATE
T. KUHN	3/28/13
ENG APPR.	DATE
T. KUHN	3/28/13
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XMA Powered by: Omni Spectra® Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03101	
TITLE TERMINATION, SMA	
SIZE B	CAGE CODE 3HT76
SCALE 8:1	DRAWING NUMBER 2003-6111-XX-CRYO
PLATE MFG. SQ. IN	XXX
SHEET 1 OF 1	REV A

TEMPLATE REV -