

ELECTRICAL

FREQUENCY RANGE: _____ DC TO 12.4 GHz
 VSWR:
 DC - 8 GHz _____ 1.10:1
 8 - 12.4 GHz _____ 1.05:1 + .01 (freq. GHz)

INPUT POWER (AVG.) _____ 0.5 WATT @ 25°C
 (DERATED LINEARLY TO .125 WATTS AT 125°C)

IMPEDANCE _____ 50 ± 5 OHMS
 OPERATING TEMP _____ -55°C TO +125°C
 STORAGE TEMP _____ -55°C TO +125°C

MATERIALS

DFARS COMPLIANT
 BODY/COUPLING NUT _____ PASSIVATED STAINLESS STEEL IAW ASTM-A-380 AND AMS-QQ-P-35

CONTACT _____ BeCU IAW ASTM B196

INSULATOR _____ PTFE PER ASTM-D1710

BEAD CHAIN/END RINGS _____ STAINLESS STEEL.

FINISHES

BODY AND COUPLING NUT _____ GOLD PLATE PER ASTM B488, TYPE II, GRADE C, CLASS 1.25 (REF.: MIL-DTL-45204, TYPE II, GRADE C, CLASS 1)

CONTACT _____ GOLD* PLATE PER ASTM B488, TYPE II, GRADE C, REF. CLASS 1.25 (REF.: MIL-DTL-45204, TYPE II, GRADE C, CLASS 1)

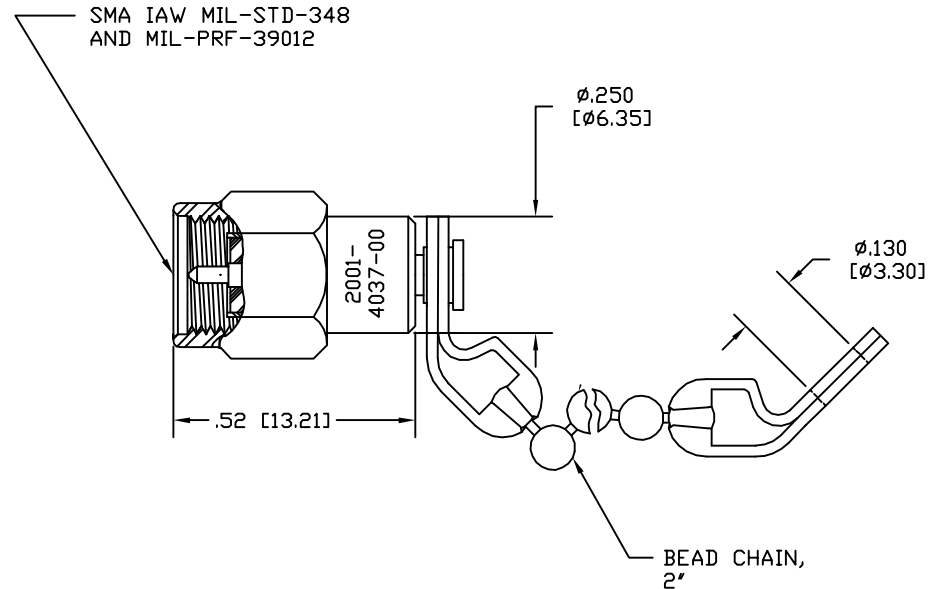
BEAD CHAIN _____ PASSIVATED IAWASTM-A-380 AND AMS-QQ-P-35

DESIGN CONFORMANCE

GENERAL ELECTRIC SCD 7534258

TESTING SHALL BE PER XMA OMNI SPECTRA SPECIAL SPECIFICATION SUMMARY SSS-2001-4037-00

REVISIONS				
REV	DESCRIPTION	ECD #	DATE	APPROVED
-	INITIAL RELEASE	12-050	11/21/12	T. KUHN



DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-883C & 1883 DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	UNLESS OTHERWISE SPECIFIED TOLERANCES IN:	DRAWN	DATE
	DECIMALS .003 .010 .030 .050 .100 .150 .250 .500 1.000 2.000 3.000 4.000 5.000 6.000 8.000 10.000	T.KUHN	11/21/12
SURFACE FINISH: 63	ANGLES: ±0°30'	CHECKED	DATE
FINISH: 63	REMOVE ALL BURRS/SHARP W/	V. SHELBY	1/18/13
SEE NOTES	BREAK / R OF .003" TO .0005"	ENG APPR.	DATE
MATERIAL: SEE NOTES	UNLESS OTHERWISE NOTED DIAS CONCENTRIC ±.003 T.I.R.	T.KUHN	1/18/13
THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION	DO NOT SCALE PRINT	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OR OMNI SPECTRA AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS A BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS WRITTEN PERMISSION OF XMA CORP.	
INTERPRET IAW ANSI Y14.5-1998		Powered by: Omni Spectra® Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03101 TITLE: TERMINATION, SMA, PLUG, DC-12.4GHz, 0.5 WATT, W/ CHAIN	

SIZE	CAGE CODE	DRAWING NUMBER	REV
C	3HT76	2001-4037-00	-
SCALE	5:1	SHEET	1 OF 1