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**PRODUCTION
RELEASE**

NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION.
INTERPRET IAW ANSI Y14.5-1992

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
B	NEW TITLEBLOCK	9/13/12	T. KUHN

SPECIFICATIONS

ELECTRICAL

FREQ. RANGE _____ DC TO 18 GHz

VSWR

DC- 12.4 GHz _____ 1.15:1 MAX.

12.4 - 18 GHz _____ 1.25:1 MAX.

IMPEDANCE _____ 50 OHMS

POWER (AVG) _____ 2 WATTS

DERATES LINEARLY TO 10% @ +125°C

POWER (PEAK) _____ 1,000 WATTS

5 uSec. PW, <.02% DC

TEMPERATURE RANGE (°C) _____ -55 TO +125 OPERATING

MATERIALS (IAW MIL-PRF-39012)

CENTER CONTACT

BERY COPPER ALLOY C17200 OR C17300 IAW ASTM
B196/B197, GOLD PLATED PER MIL-PRF-39012 (ASTM-B488)

CONNECTOR HOUSING

STAINLESS STEEL IAW A582, TYPE 303, PASSIVATED PER
QQ-P-35

DIELECTRIC

TEFLON IAW ASTM-D1710

CONNECTOR MATING INTERFACE DIMENSIONS COMPLY WITH
MIL-PRF-39102 AND MIL-STD-348 FOR TYPE N MALE
CONNECTORS

NOTE: THIS DRAWING IS NOT CONTROLLED BY ANY
CUSTOMER SOURCE CONTROL DRAWING.

Ø.130
(3.3mm)

3.0"±.25 LONG
BEAD CHAIN
(88.9mm)

.25
[6.35]
MAX.

.95
[24.1]
MAX

TYPE N PLUG

Ø.84
[21.3] MAX

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	63 ✓
SURFACE ROUGHNESS #INCHES	63 ✓
FINISH	SEE NOTES
MATERIAL	SEE NOTES

UNLESS OTHERWISE SPECIFIED		
DECIMALS	INCH	MM
.X"	.03"	[.76]
.XX"	.010"	[.25]
.XXX"	.005	[.127]
.XXXX"	.0005"	[.013]
ANGLES ±0°30'		
REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R.		

DRAWN	DATE
T. KUHN	9/13/12
CHECKED	DATE
A. GAGNE	9/13/12
ENGINEER APPR.	DATE
T. KUHN	9/13/12

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TITLE
**TERMINATION, TYPE N, MALE
DC - 18GHz, 2 WATT**

SIZE	CAGE CODE	DRAWING NUMBER
B	3HT76	3001-4030-02
SCALE	3:1	SHEET 1 OF 1

BCSI

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