

ELECTRICAL

FREQUENCY RANGE _____ DC TO 12.4 GHz

VSWR (MAX) _____ DC - 4 GHz _____ 1.15
 _____ 4-12.4 GHz _____ 1.20

POWER (AVG.) _____ 2 WATTS*
 POWER (PEAK) _____ 500 WATTS**

* POWER DERATES LINEARLY FROM 100% ≤25°C TO 10% @ 125°C
 ** @ ≤5µSec PULSE W, & ≤0.05% DUTY CYCLE

IMPEDANCE _____ 50 OHMS

TEMP RANGE (OPERATING) _____ -55°C TO +125°C
 (STORAGE) _____ -65°C TO +150°C

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

CENTER CONDUCTOR
 GOLD PLATED PER ASTM-B488 AND MIL-PRF-39012

CHAIN IS PASSIVATED FINISH FOR ALL UNITS.

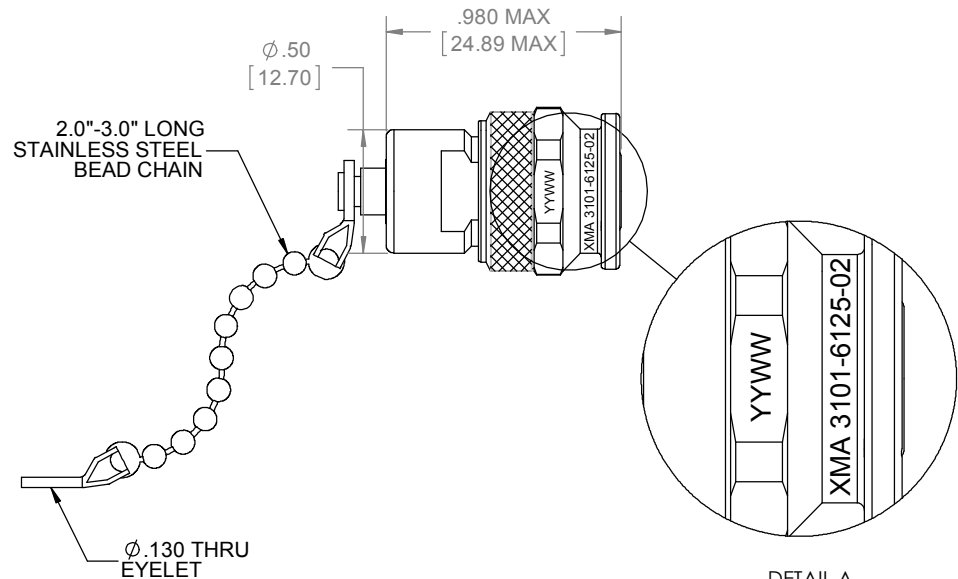
OUTER CONDUCTOR
 PASSIVATED SS PER ASTM A380.

RoHS COMPLIANT DEVICE

MARKING

PART LOOKS LIKE PRODUCT IMAGE ABOVE.
 PART MARKING ORIENTATION AND FORMAT AS SHOWN.
 MARKING IS TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE,
 AND A BLACK COLOR.
 YYWW EQUALS DATECODE.

REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
A	REDRAWN IN SOLIDWORKS	14-240	6/24/14	T.KUHN
B	REVISED MARKING LOCATION/ORIENTATION	16-187	9/15/16	T.KUHN



QTY	PART NUMBER	DESCRIPTION	ITEM NO.
X	3101-6125-02	TERMINATION,TNC-m, DC-12.4GHz, 2W	
1	TA-3101-6125-02U	ASSY, TERMINATION,TNC, MALE, DC-12.4GHz, 2W, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING	
SURFACE 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	DATE
MCCORMICK	06/24/14
CHECKED	DATE
MCCORMICK	06/24/14
ENG. APPR.	DATE
T.KUHN	06/24/14
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TITLE

TERMINATION, TNC-m, DC-12.4GHz, 2 W

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	3101-6125-02	B
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	