

ELECTRICAL

FREQUENCY RANGE _____ DC - 4GHz

VSWR

DC - 1GHz _____ 1.05:1
1 - 4GHz _____ 1.10:1

IMPEDANCE _____ 50 OHMS

TEMPERATURE RANGE _____ -55°C TO +125°C

POWER (AVG) _____ 1 WATT
POWER DERATES LINEARLY FROM +45°C TO <10% @+125°CPOWER (PEAK) _____ 500 WATTS
(<5 μ SEC PW, <1% DUTY CYCLE)

MECHANICAL

INNER CONDUCTOR: _____ BERYLLIUM COPPER PER
ASTM B196 & B197.OUTER CONDUCTOR: _____ STAINLESS STEEL, PER ASTM
A484 & A582, CLASS 303, COND. A.

DIELECTRIC: _____ TEFLON PER ASTM D1710.

FINISH

INNER CONDUCTOR & HOUSING: _____ GOLD PLATED PER MIL-PRF-39012.

COUPLING NUT _____ PASSIVATED SS (TYPE 303)

CONNECTOR INTERFACE COMPLIES WITH MIL-PRF-39012 AND MIL-STD-348
FOR SMA MATING CHARACTERISTICS.

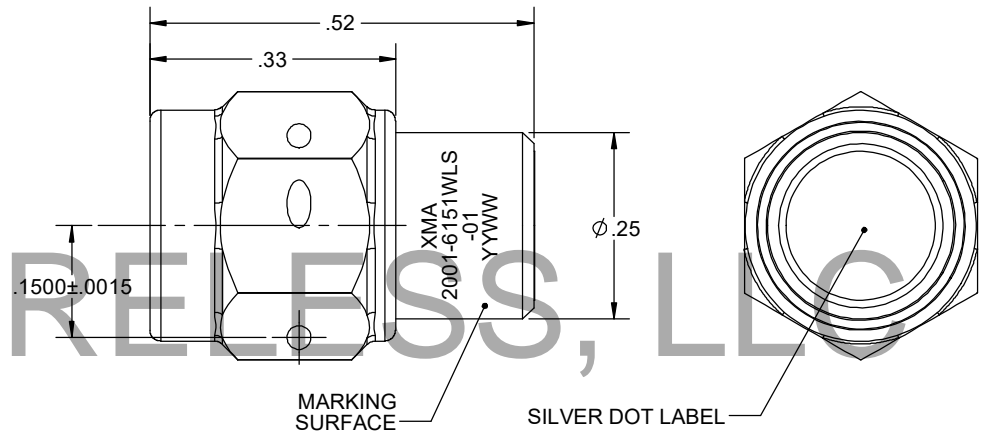
RoHS COMPLIANT DEVICE

MARKING


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

REVISIONS

REV	DESCRIPTION	ECO #	DATE	APPROVED
-	RELEASE		3/1/11	DS
A	UPDATE FORMAT, DEL 2001-6151WLS-01	18-042	4/17/18	T.KUHN
B	ADDED DOT LABEL	20-025	2/18/20	T.KUHN



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	2001-6151WLS-01	TERMINATION, SMA-m, DC-4GHz, 1W	
1	TA-2001-6151WLS-01U	ASSY, TERMINATION, SMA-m, DC-4GHz, 1W, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING
SURFACE ROUGHNESS μ INCHES 63
FINISH:
SEE NOTE
MATERIAL:
SEE NOTE
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 $\pm 0^{\circ}30'$
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 T.MAIN	DATE 3/1/11
CHECKED	DATE
ENG. APPR. DS	DATE 3/1/11

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TITLE

TERMINATION, SMA-m, DC-4GHz, 1W

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	2001-6151WLS-01	B
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	