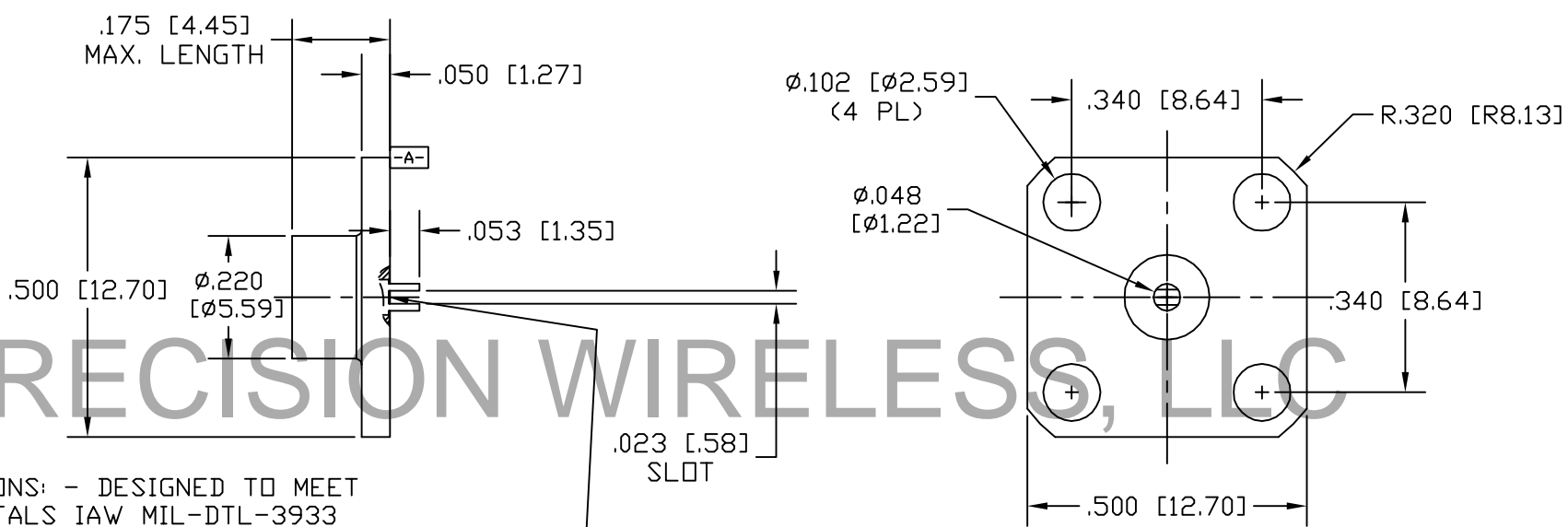


MATERIALS AND PLATINGS SELECTED TO REDUCE 3rd ORDER INTERMODULATION CONTRIBUTED BY THIS TERMINATION TO TYPICALLY BETTER THAN 120 dBc TO 150 dBc POSSIBLE

**PRODUCTION
RELEASE**

NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION
INTERPRET IAW ANSI Y14.5-1982

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	REVISED VSWR ISSUED	01/14/2011	D. Saunders



SPECIFICATIONS: - DESIGNED TO MEET ENVIRONMENTALS IAW MIL-DTL-3933

>HOUSING IS ROHS BRASS, WHITE BRONZE (aka TRI-ALLOY OR ALBALLOY) PLATED

>CONTACT IS ROHS BRASS OR BECU, GOLD PLATED
 >DIELECTRIC IS TEFLON/AIR COMPOSITE - EPOXY CAPTIVATED

>RESISTOR IS PROTECTED PROPRIETARY THIN FILM
 VALUE: 50Ω ±5%

>POWER 1 WATT AVG./RMS FROM -55°C TO +60°C CASE
 TEMP - DERATES TO 10% @ 150°C

>PEAK POWER MAX 100 WATTS, 100μSec PW, 0.1% DUTY
 CYCLE OR 500 WATTS, 10μSec PW, 0.1% DC

BOTTOM OF SLOT SHALL BE BELOW THE FLANGE FACE -A-
 >SOLDER RESIDUE (ROHS) MAY BE VISIBLE IN SLOT, BOTTOM DOES NOT AFFECT ATTACHMENT TO CIRCUIT TERMINALS

VSWR (MAX.)

DC-4 GHz	1.10
4- 12 GHz	1.20
12-18 GHz	1.30
18-26.5 GHz	1.45

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

UNLESS OTHERWISE SPECIFIED		
DECIMALS	INCH	MIL
.X"	.03"	[.76]
.XX"	.020"	[.51]
.XXX"	.010"	[.25]
.XXXX"		
ANGLES	±	
UNLESS OTHERWISE NOTED DIA CONCENTRIC <.003 T.I.R.		

DRAWN	DATE
M. TURNER	
CHECKED	DATE
ENGINEER APPR.	DATE
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Powered by:
Omni Spectra®
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 150 Dow Street, Manchester, NH 03101

**UNMARKED - SMA FLANGE
COAXIAL TERMINATION**

SIZE B	CAGE CODE 3HT76	DRAWING NUMBER 2768-5123-21-U
SCALE 5:1	SHEET 1 OF 1	XXX