

NOTES:

1. MATERIAL: ROGERS RO4003, NICKEL ALLOY.
2. FINISH: GOLD, NICKEL PLATE.
3. ELECTRICAL SPECIFICATIONS:

STOPBAND = 869 MHz TO 894 MHz MIN

35 dBc MIN FROM 869 MHz TO 894 MHz

I.L. = 2.0 dB MAX OVER 10 MHz TO 849 MHz

I.L. = 2.0 dB MAX OVER 914 MHz TO 2000 MHz

R.L. = 9.5 dB MIN FROM 10 MHz TO 849 MHz MIN (REF 50 Ω)

R.L. = 9.5 dB MIN FROM 914 MHz TO 2000 MHz MIN (REF 50 Ω)

POWER = 1 W MAX C.W. WITHIN 10 TO 849 MHz AND 914 TO 2000 MHz ONLY
4. ENVIRONMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE = -40 TO +85 °C

STORAGE TEMPERATURE = -40 TO +85 °C
5. DEVICE TEMPERATURE DURING REFLOW NOT TO EXCEED 215°C.

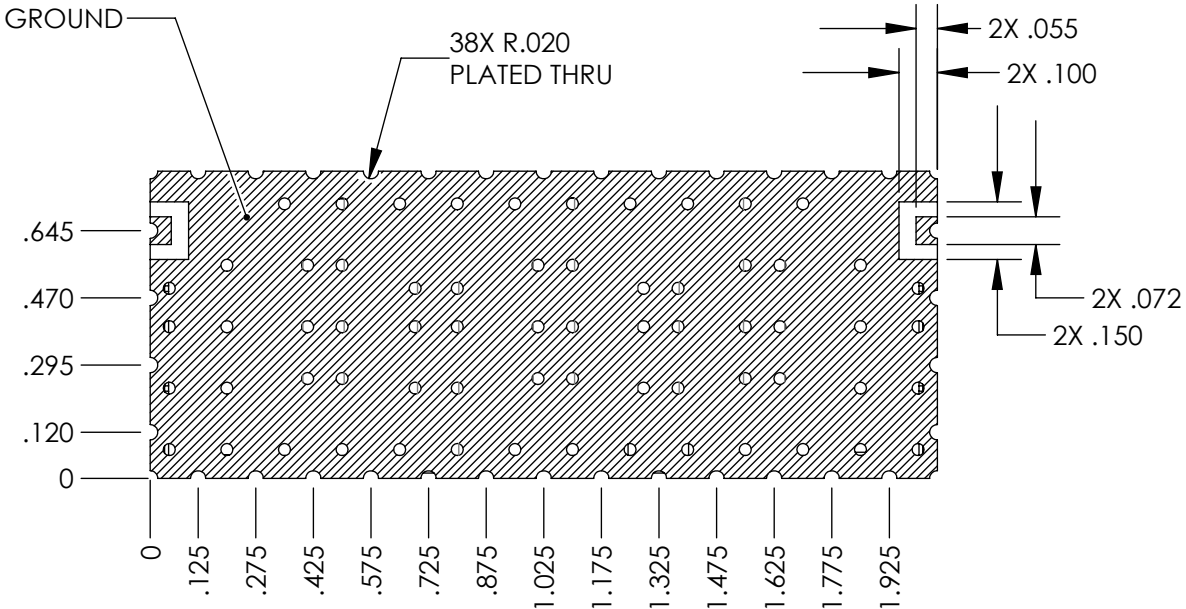
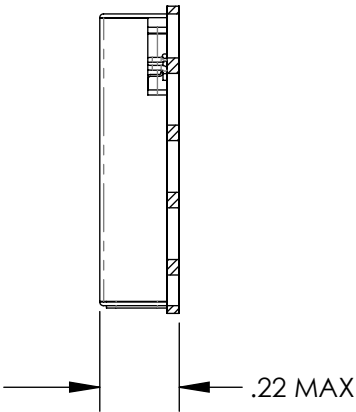
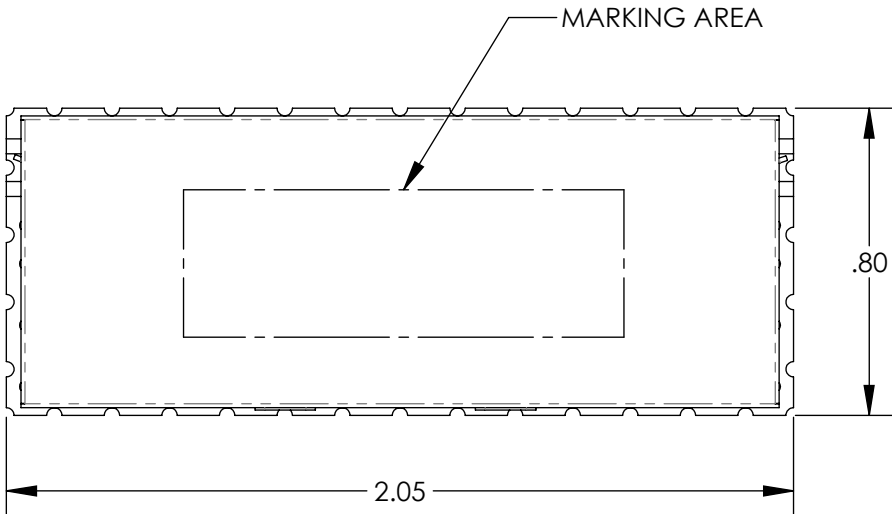
REVISIONS				
ECN	REV.	DESCRIPTION	CHNG/DATE	APPVD/DATE
07870	0	MANUFACTURING RELEASE	MDP, 2014-08-18	CR, 2014-08-19
17-0233	1	DELMAR FORMAT	MDP/2017-07-17	MPN/2017-07-25

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COMPUTER ASSISTED DRAWING
GENERATED USING SOLIDWORKS 2019

FORM NO. 1054 SIZE: B1

SEE SEPARATE PARTS
LIST IN ELECTRONIC STORAGE

UNLESS OTHERWISE SPECIFIED		3rd ANGLE PROJECTION		SPECTRUM CONTROL, INC.			
* INTERPRET DRAWING IAW ASME Y14.100-2004 * DIMENSIONING AND TOLERANCING IAW ASME Y14.5-1994 * PARENTHEetical INFORMATION FOR REFERENCE ONLY * DIMENSIONAL LIMITS APPLY BEFORE PROCESSES * DIMENSIONS ARE IN INCHES * TOLERANCES ARE: ANGLES ±1.0° 2 PLACE DECIMAL ±.02 3 PLACE DECIMAL ±.005 * SURFACE FINISH 63 * REMOVE ALL BURRS AND SHARP EDGES .010 RAD MAX. * CONCENTRICITY MACHINED DIA: .002 FIM		ANSI		38166 Old Stage Road			
		DRAWN	DATE	Delmar, DE 19940-3550 (USA)			
		CHECKED		TITLE			
		ENGRG		SALES DRAWING,			
		MFG		BOM09787			
		QA		(NS881.5-25-7-2)			
DO NOT SCALE DRAWING		SIZE	CAGE CODE	DWG NO.	REV		
		B	67021	STO-6613	1		
		SCALE:	2:1	SHEET	1	OF	1