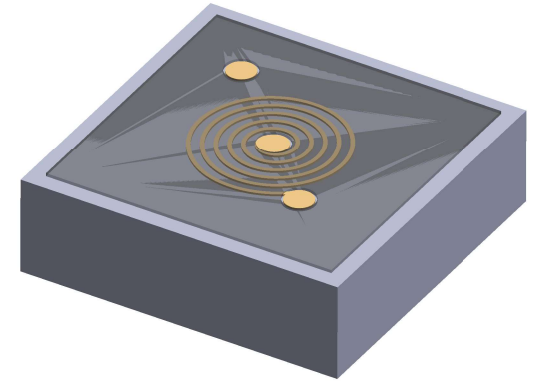
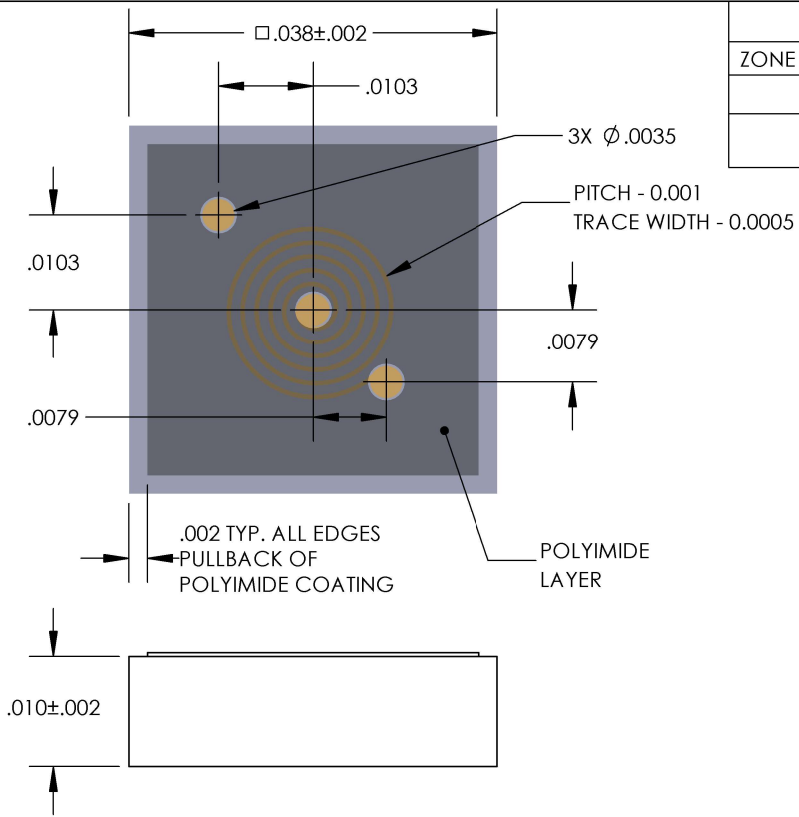

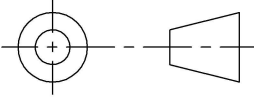


REVISIONS							
ZONE	REV	ECN#	DESCRIPTION	DATE	ENG. APPR.	QC. APPR.	PROD. APPR.
	A	3758	INITIAL RELEASE	7/9/2020			
	B	3943	REVISED BACKSIDE METALLIZATION; MAX DIMENSIONS	9/2/2020			



NOTES:

1. MATERIAL: QUARTZ
2. TURNS: 5.5
3. INDUCTANCE: 10nH TYP. @ 1000 MHZ.
4. DCR: 1.85 OHM MAX.
5. Q: 33/38(MIN/MAX) @ 1000 MHZ.
6. SRF SERIES: N/A
7. SRF PARALLEL: N/A
8. LOT TRACEABILITY REQUIRED WITH EACH MANUFACTURING LOT.
9. CERTIFICATE OF COMPLIANCE REQUIRED.
10. ALL PARTS SHALL BE LABELED WITH A UNIQUE LOT NUMBER WHICH SHALL BE IDENTIFIED ON ALL CONTAINERS HOLDING PARTS.
11. CLEANLINESS: THE PARTS SHALL HAVE NO FOREIGN MATERIAL ON THEIR INTERNAL OR EXTERNAL SURFACES AND SHALL BE CLEANED USING A REPEATABLE PROCESS.
12. MUST BE CAPABLE OF BOND PULL IN ACCORDANCE WITH MIL-STD-883, METHOD 2011.
13. MUST BE CAPABLE OF DIE SHEAR IN ACCORDANCE WITH MIL-STD-750, METHOD 2017 AND PER MIL-STD-883-2019.
14. BAKE TEST: 10PCS. @300°C FOR 5 MIN. IN OVEN(AIR ENVIRONMENT).
15. VISUAL & MECHANICAL INSPECTION TO COMPLY WITH THIS DRAWING & MIL-STD-883, METHOD 2010.

<p>UNLESS OTHERWISE SPECIFIED INTERPRET DRAWING PER ASME Y14.5 DO NOT SCALE THIS DRAWING</p>	<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p>		<p>SemiGen  RF PRODUCTS SERVICES SOLUTIONS</p>		<p>54 Grenier Field Rd. Londonderry, NH 03053 TEL.: (603)624-8311 FAX: (603)624-8312</p>
	<p>NOTE: THIS DRW INCORPORATES THIRD ANGLE PROJECTION</p> 		<p>TOLERANCES ON DECIMALS ANGLES</p>		<p>TITLE OUTLINE, INDUCTOR, 5.5 TURN, (SG104)</p>
<p>UNLESS OTHERWISE SPECIFIED THIRD ANGLE PROJECTION</p>		<p>.X ± .1 .XX ± .02 .XXX ± .005 .XXXX ± .0005</p>		<p>±0.5°</p>	
<p>UNLESS OTHERWISE SPECIFIED 63° V ALL OVER</p>		<p>UNLESS OTHERWISE SPECIFIED 63° V ALL OVER</p>		<p>SIZE CAGE CODE DRAWING NO.</p>	
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<p>FINISH</p>		<p>SCALE: 48:1</p>		<p>WEIGHT / SHEET 1 OF 1</p>	