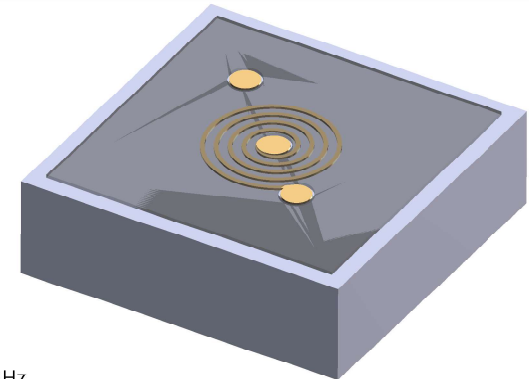
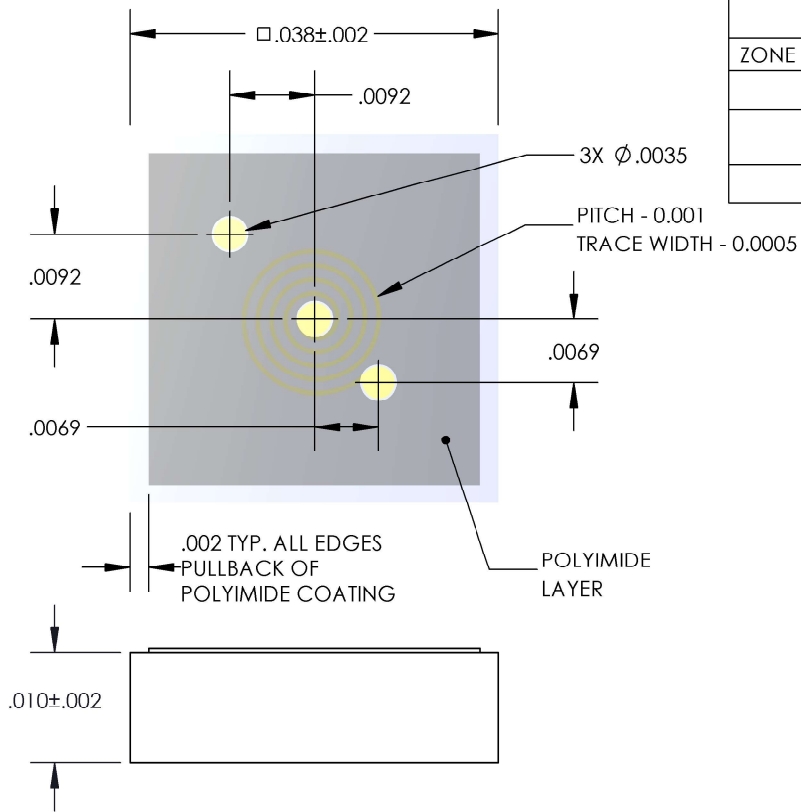


REVISIONS							
ZONE	REV	ECN#	DESCRIPTION	DATE	ENG. APPR.	QC. APPR.	PROD. APPR.
	A	3758	INITIAL RELEASE	7/9/2020			
	B	3943	REVISED BACKSIDE METALLIZATION; MAX DIMENSIONS	9/2/2020			
	C	3999	REVISED THICKNESS TYPO	9/17/2020			



NOTES:

1. MATERIAL: QUARTZ
2. TURNS: 4.5
3. INDUCTANCE: 7.5nH TYP. @ 1500 MHz.
4. DCR: 1.75 OHM MAX.
5. Q: 37/43(MIN/MAX) @ 1500 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>NOTE: THIS DRW INCORPORATES THIRD ANGLE PROJECTION</p>	<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p>		<p>SemiGen </p> <p>RF PRODUCTS SERVICES SOLUTIONS</p>		<p>54 Grenier Field Rd. Londonderry, NH 03053 TEL.: (603)624-8311 FAX: (603)624-8312</p>						
	<p>TOLERANCES ON</p> <table border="1"> <thead> <tr> <th>DECIMALS</th> <th>ANGLES</th> </tr> </thead> <tbody> <tr> <td>.X ± .1</td> <td rowspan="4">±0.5°</td> </tr> <tr> <td>.XX ± .02</td> </tr> <tr> <td>.XXX ± .005</td> </tr> <tr> <td>.XXXX ± .0005</td> </tr> </tbody> </table>		DECIMALS	ANGLES	.X ± .1	±0.5°	.XX ± .02	.XXX ± .005	.XXXX ± .0005	<p>TITLE</p> <p>OUTLINE, INDUCTOR, 4.5 TURN, (SG103)</p>	
DECIMALS	ANGLES										
.X ± .1	±0.5°										
.XX ± .02											
.XXX ± .005											
.XXXX ± .0005											
<p>UNLESS OTHERWISE SPECIFIED $\frac{63}{\sqrt{\text{ALL OVER}}}$</p>		<p>SIZE</p> <p>B</p>	<p>CAGE CODE</p> <p>3BBY6</p>	<p>DRAWING NO.</p> <p>OL 18934-4</p>							
<p>UNLESS OTHERWISE SPECIFIED MATERIAL</p>		<p>FINISH</p>		<p>SCALE: 48:1</p>	<p>WEIGHT /</p>	<p>SHEET 1 OF 1</p>					

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