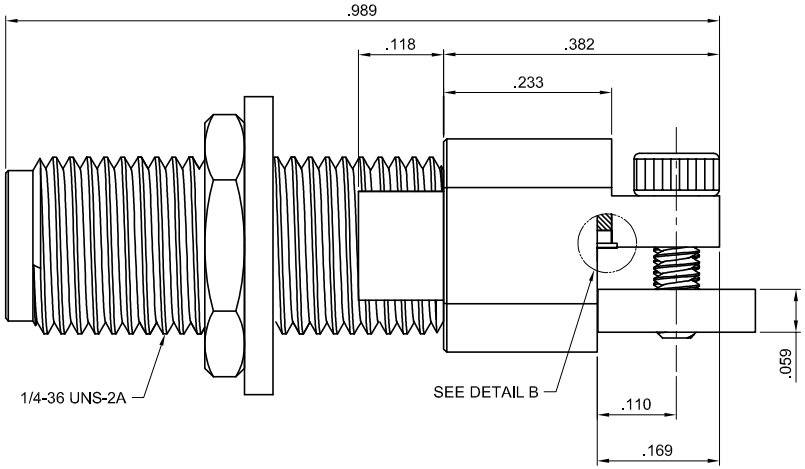
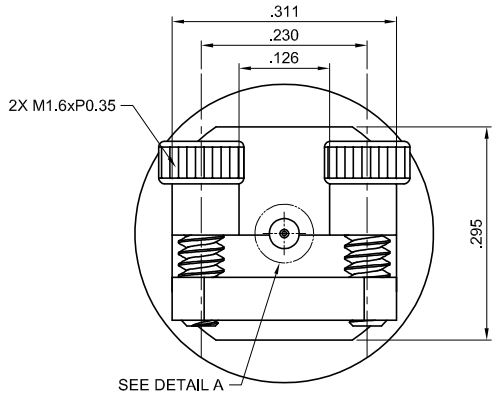
PART NUMBER
145-0711-832

REV	ECO	DATE
1	INITIAL RELEASE	10/11/2023
2	-	03/27/2025

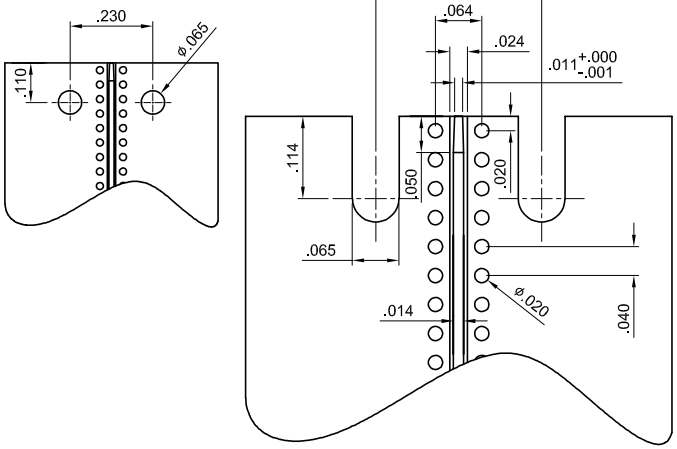




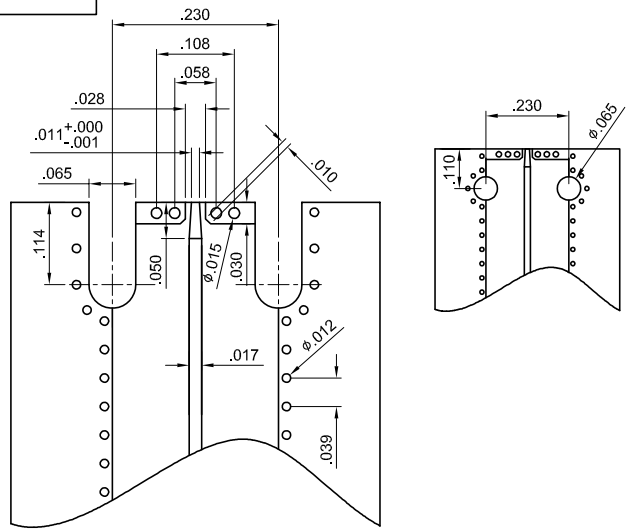
NOTES:

1. MATERIAL AND FINISH:
   1.1 BODY: STAINLESS STEEL, PASSIVATED
   1.2 CONTACT: BERYLLIUM COPPER, GOLD PLATE
   1.3 INSULATOR: PEI
2. ELECTRICAL SPECIFICATIONS:
   2.1 IMPEDANCE: 50 OHMS NOMINAL
   2.2 FREQUENCY RANGE: DC~40 GHz
3. MECHANICAL SPECIFICATIONS:
   3.1 DURABILITY: 500 CYCLES MIN.
4. ENVIRONMENTAL:
   4.1 OPERATING TEMPERATURE: -65°C TO 165°C

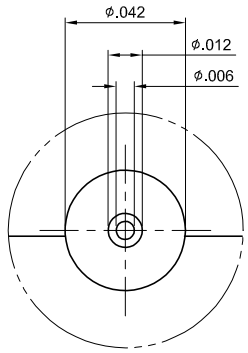
PCB PATTERN



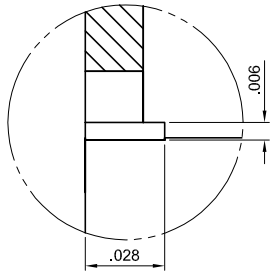
RO4003C 8mil
GROUNDED COPLANAR WAVEGUIDE



RO4003C 8mil
TOP GROUND MICROSTRIP



DETAIL A



DETAIL B

cinch CONNECTIVITY SOLUTIONS a bel group	Model No: 145-0711-832		JOHNSON
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	UNLESS OTHERWISE SPECIFIED UNITS: INCH .XXX ±.008 .XXXX ±.008 ANGLES ±5°	3RD ANGLE PROJECTION	Drawing No. 145-0711-832 REV. 2
		Drawn by: TOMMY REN	
		Date: 10/11/2023	Size B DO NOT SCALE DRAWING Workmanship Std: NONE Sheet 1 OF 1