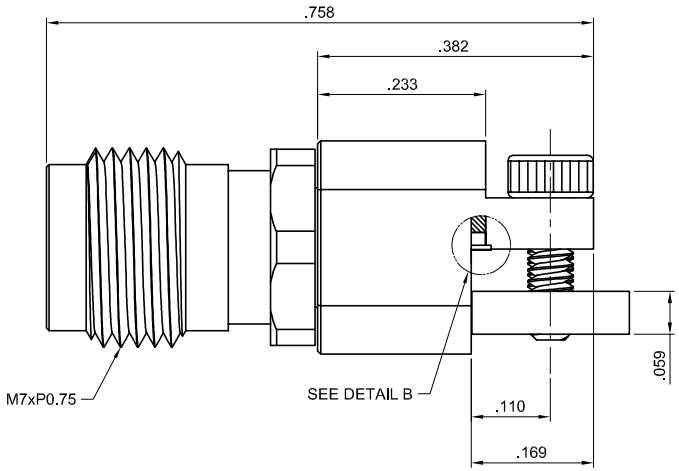
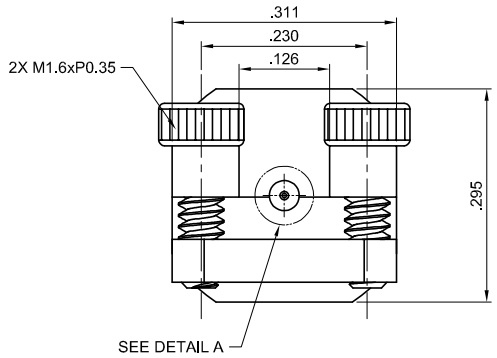
PART NUMBER
148-0701-822

REV	ECO	DATE
1	INITIAL RELEASE	10/11/20
2	-	03/27/20

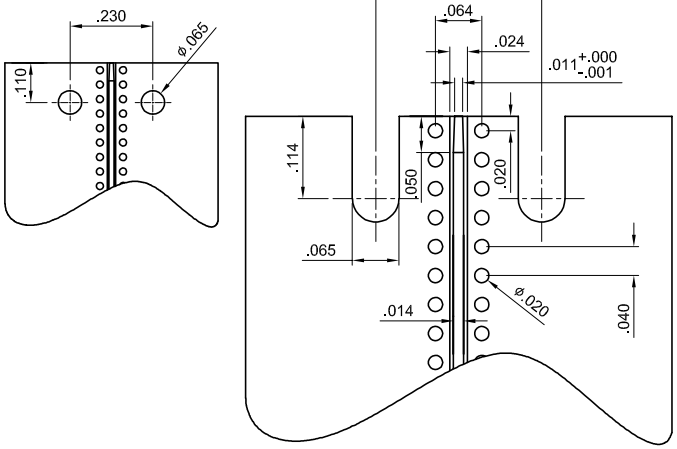




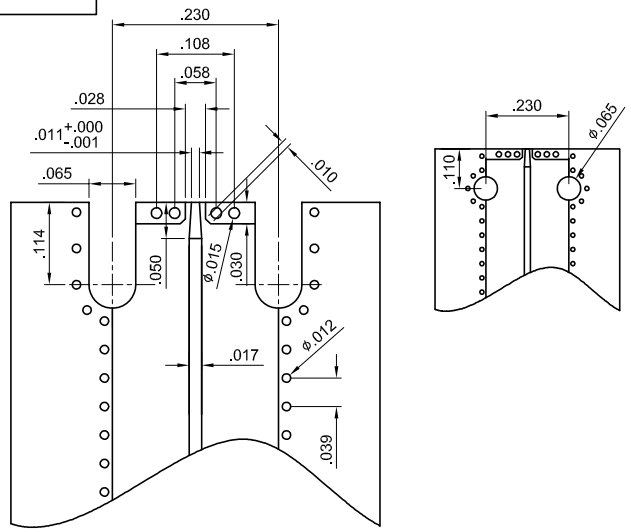
NOTES:

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~67 GHz
3. MECHANICAL SPECIFICATIONS:
   - 3.1 DURABILITY: 500 CYCLES MIN.
4. ENVIRONMENTAL:
   - 4.1 OPERATING TEMPERATURE: -40°C TO 125°C

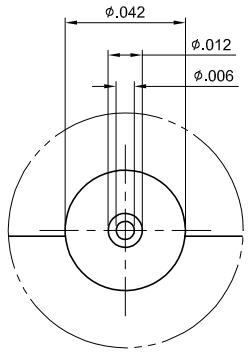
PCB PATTERN



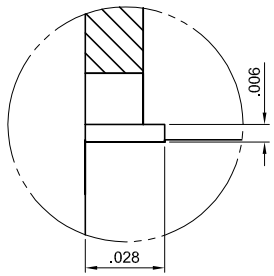
RO4003C 8mil
GROUNDED COPLANAR WAVEGUIDE



RO4003C 8mil
TOP GROUND MICROSTRIP



DETAIL A



DETAIL B

cinch CONNECTIVITY SOLUTIONS	Model No: 148-0701-822		JOHNSON
	RoHS ☑ (EU)/2015/863 COMPLIANT	Cage Code	Title: 1.85MM JACK, END LAUNCH, NARROW BLOCK TYPE
	UNLESS OTHERWISE SPECIFIED UNITS INCH	3RD ANGLE PROJECTION	Drawing No: 148-0701-822
	.XXX ±.008 .XXXX ±.008 ANGLES ±5°	Drawn by: TOMMY REN	Size: B DO NOT SCALE DRAWING
		Date: 10/11/2023	Workmanship Std: NONE Sheet: 1 OF 1

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INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.

Please read our datasheet & drawing disclaimer here.