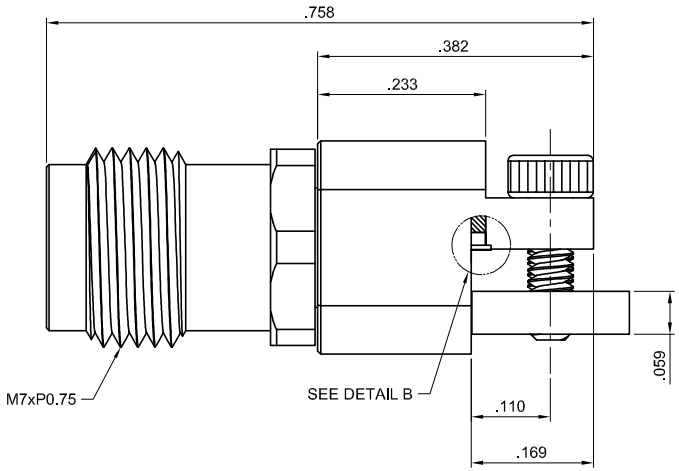
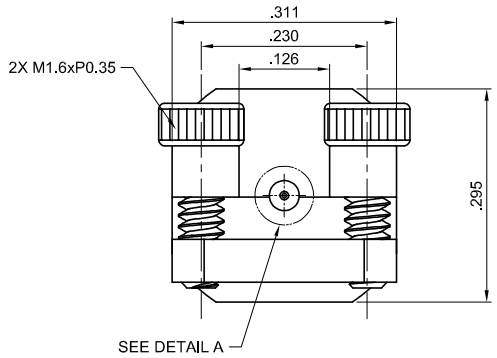
PART NUMBER
147-0701-842

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

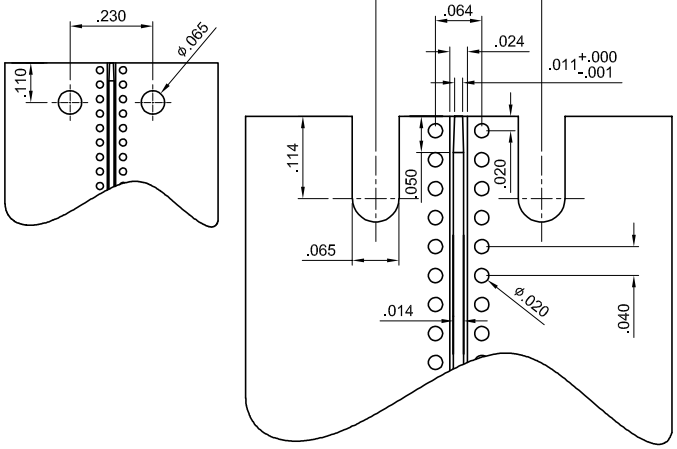




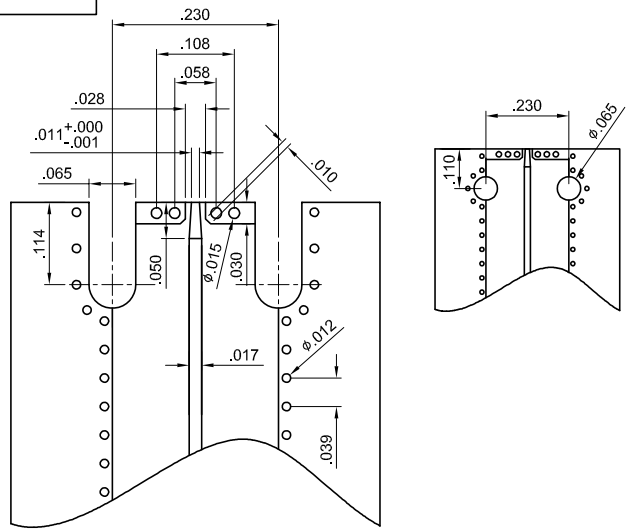
NOTES:

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~50 GHz
3. MECHANICAL SPECIFICATIONS:
   - 3.1 DURABILITY: 500 CYCLES MIN.
4. ENVIRONMENTAL:
   - 4.1 OPERATING TEMPERATURE: -40°C TO 125°C

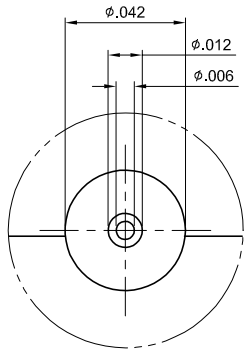
PCB PATTERN



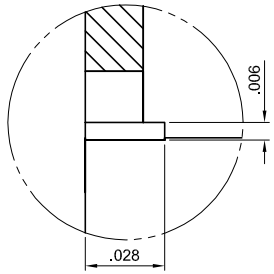
RO4003C 8mil
GROUNDED COPLANAR WAVEGUIDE



RO4003C 8mil
TOP GROUND MICROSTRIP



DETAIL A



DETAIL B

cinch CONNECTIVITY SOLUTIONS a bel group	Model No: 147-0701-842		JOHNSON
This PROPRIETARY Documents property of Cinch Connectivity Solutions. It is confidential in nature, is not to be disclosed, and issued with the clear understanding that it will not be used or copied without permission and is returnable upon demand.	RoHS ☑ (EU)2015/863 COMPLIANT	Cage Code	Title: 2.4MM JACK, END LAUNCH, NARROW BLOCK TYPE
INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2018.	UNLESS OTHERWISE SPECIFIED UNITS INCH .XXX ±.008 .XXXX ±.008 ANGLES ±5°	3RD ANGLE PROJECTION Drawn by: TOMMY REN Date: 10/11/2023	Drawing No: 147-0701-842 REV. 2 Size: B DO NOT SCALE DRAWING Workmanship Std: NONE Sheet: 1 OF 1

Please read our datasheet & drawing disclaimer here.