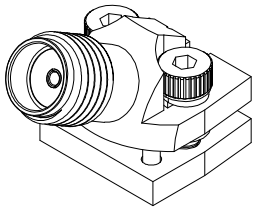
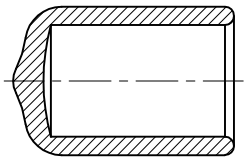
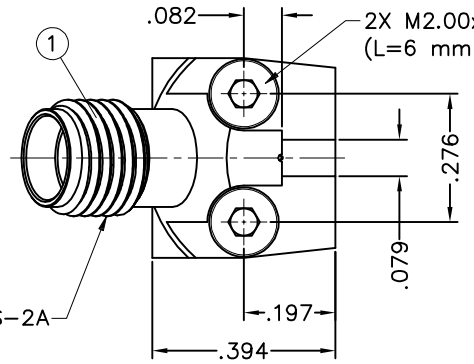
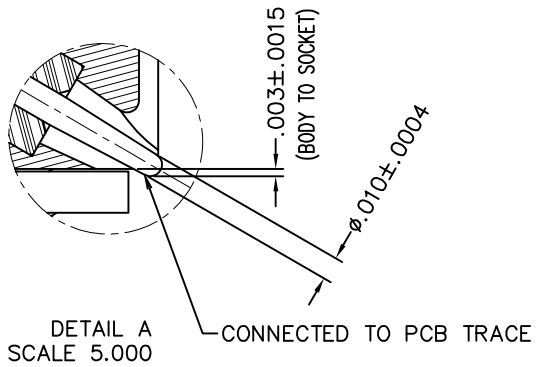
PART NUMBER	ITEM ①					ITEM ②	ITEM ③	ITEM ④	ITEM ⑤
	BODY	SOCKET	INSULATOR 1	INSULATOR 2	PROTECTION CAP	LOCKING BLOCK	SCREW	LOCKING WASHER	GASKET
142-0791-301	BRASS GOLD PLATING	BERYLLIUM COPPER GOLD PLATING	PTFE	PTFE	SOFT PVC	BRASS GOLD PLATING	STAINLESS STEEL PASSIVATED	STAINLESS STEEL PASSIVATED	SILICON

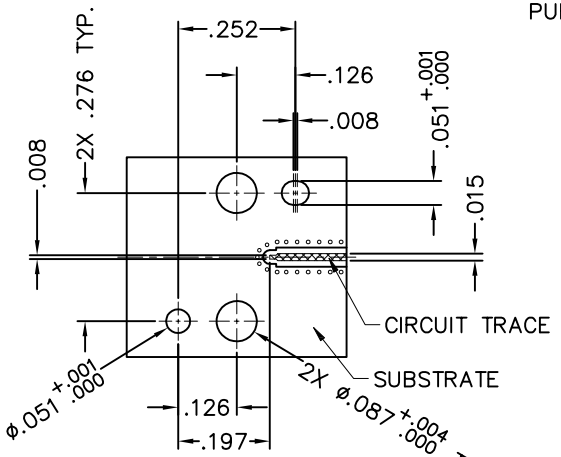
REV	ECO	DATE
1	INITIAL RELEASE	01/30/2023
2	ENGINEERING CHANGE	01/02/2024



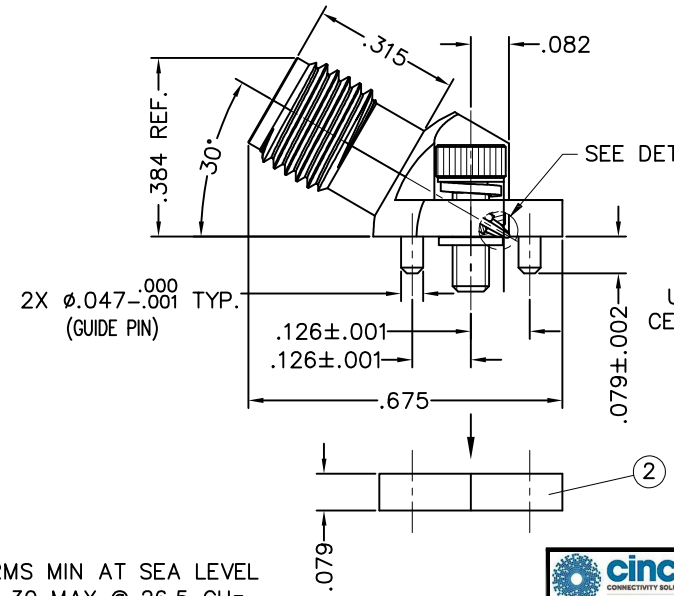


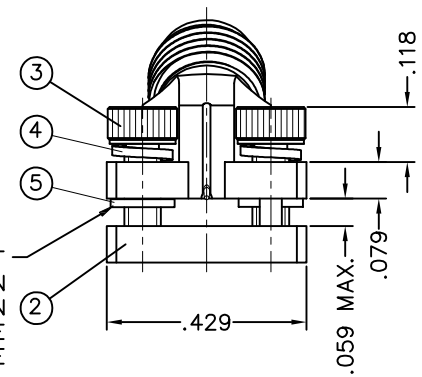






RECOMMENDED PCB LAYOUT





USED TO PROTECT CENTER CONTACT IN TRANSPORTATION AND SHALL BE REMOVED BEFORE USE.

SPECIFICATION:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: DC-26.5 GHz
INSULATION RESISTANCE: 5000 MOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT: 1.5 MILLIOHM MAX
OUTER CONTACT: 0.8 MILLIOHM MAX
DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN AT SEA LEVEL
VOLTAGE STANDING WAVE RATION (VSWR): 1.30 MAX @ 26.5 GHz
WORKING VOLTAGE: 400 VRMS MAX AT SEA LEVEL
INERTION LOSS: 0.62 dB MAX @ 26.5 GHz
DURABILITY: 500 CYCLES MIN
TEMPERATURE RANGE: -65 TO +165 DEG C

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INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2018.

Model No: 142-0791-301/310

RoHS ☑ (EU)/2015/863 COMPLIANT

Cage Code

UNLESS OTHERWISE SPECIFIED UNITS: INCH

.XX ±-
.XXX ±.004
ANGLES±2°

3RD ANGLE PROJECTION

Drawn by: TOMMY REN

Date: 01/30/2023

JOHNSON

Title: SMA JACK, SOLDERLESS PCB MOUNT, 30 DEGREE

Drawing No. 142-0791-301/310 REV. 2

Size B | DO NOT SCALE DRAWING | Workmanship Std: NONE | Sheet 1 OF 1

Please read our datasheet & drawing disclaimer here.