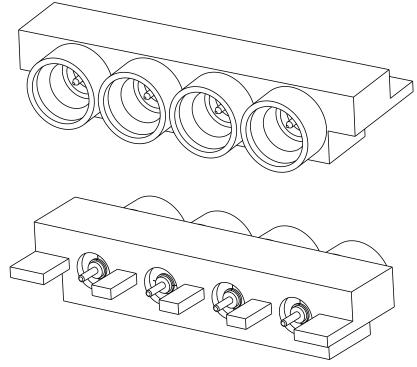
PART NUMBER	ITEM ①	ITEM 2	ITEM ③	ITEM (4)
	INTERFACE INSERT	BASE	CONTACT	INSULATOR
125-2701-821	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN	GOLD PL .00001 MIN OVER	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN	TEFLON

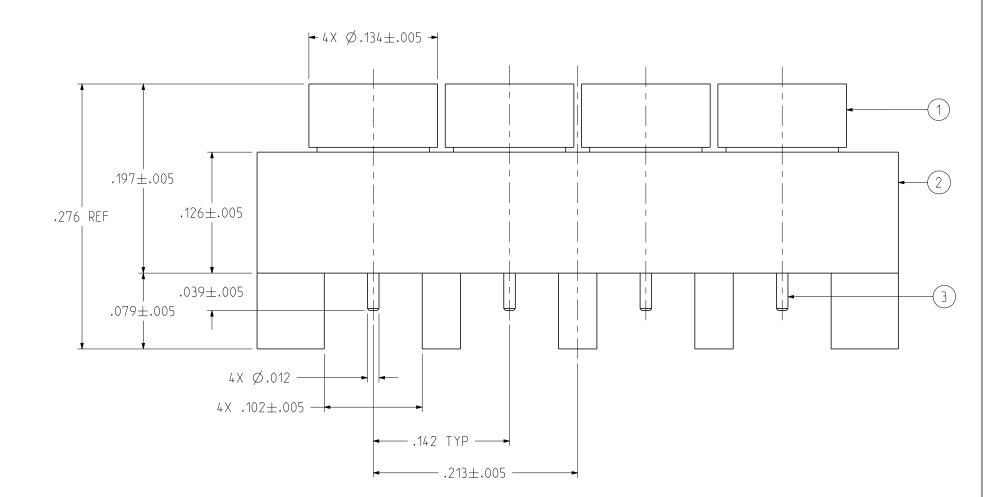
REV	ECO	DATE	
1	INITIAL RELEASE	130C T 2020	
2	EC-2102004	03FEB2021	

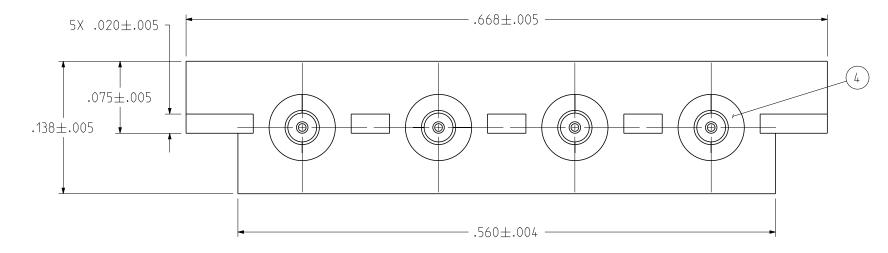


- 1. ELECTRICAL SPECIFICATIONS:
  - 1.1 IMPEDANCE: 50 OHMS

NOTES:

- 1.2 FREQUENCY RANGE: DC-65 GHz
- 1.3 VSWR: 1.35 MAX DC TO 40 GHz 1.50 MAX 40 GHz TO 65 GHz
- 1.4 WORKING VOLTAGE: 325 VRMS MAX AT SEA LEVEL
- 1.5 DIELECTRIC WITHSTANDING VOLTAGE: 325 VRMS MIN AT SEA LEVEL 1.6 INSULATION RESISTANCE: 5000 MEGOHM MIN
- 1.7 CONTACT RESISTANCE:
- 1.7.1 CENTER CONTACT INTIAL 6.0 MILLIOHM MAX, AFTER
  - ENVIRONMENTAL NOT APPLICABLE
- 1.7.2 OUTER CONDUCTOR INITIAL 2.0 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
- 1.8 INSERTION LOSS: 0.1 √F (GHz) dB MAX
- 2. MECHANICAL SPECIFICATIONS:
- 2.1 ENGAGEMENT FORCE: 2.5 LBS MAX
  2.2 DISENGAGEMENT FORCE: 1.5 LBS MIN
- 2.3 DURABILITY: 500 CYCLES MIN
- 3. ENVIRONMENTAL:
- 3.1 OPERATING TEMPERATURE: -65 °C TO 165 °C
- 3.2 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B, EXCEPT 165°C HIGH TEMP
- 3.3 MECHANICAL SHOCK: MIL-STD-202, METHOD 213, CONDITION I
- 3.4 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
- 3.5 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
  3.6 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106, EXCEPT STEP 7B OMITTED





CINCO		Model No: 125-2701-821/830		JOHNSON		
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understanding traced or o permission an		UNLESS OTHERWISE SPECIFIED UNITS: INCH  .XX ± .01  .XXX ± .003	Drawn by: TOMMY REN	Drawing No. 125-2701-821/830	REV.	
ACCORDA	DRAWING IN NCE WITH 4.5-2009.	.XXXX ± .0010 ANGLE ± 2°	Date: 10/13/2020	Size B DO NOT SCALE Workmanship Std: Sheet 1 OF	1	