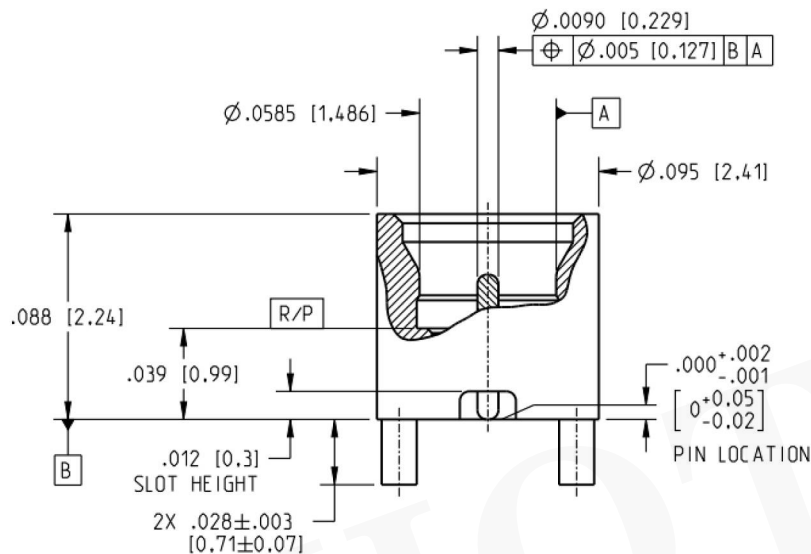




REV	DESCRIPTION	DWN	DATE	APPROVEN
R1.0	First issue	Gavin	2025/06/09	JIM.KING



Material and Coating

Body and Contact KOVAR® per ASTM F15
 Hard Gold, 6 μ IN [0,15 μ m] over Nickel
 Dielectric Corning 7070 Glass

Electrical data

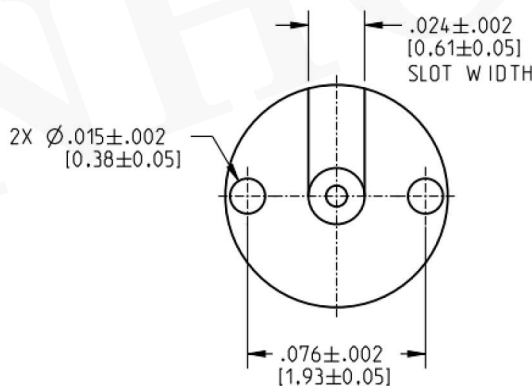
Impedance: 50 Ω
 Frequency: DC to 100 GHz
 Return loss: ≥ 18 dB, DC to 40 GHz
 ≥ 15 dB, 40 to 70 GHz
 ≥ 12 dB, 70 to 100 GHz
 Insulation resistance ≥ 3.5 G Ω
 Center contact resistance: ≤ 6.0 m Ω
 Outer contact resistance: ≤ 2.0 m Ω
 Test voltage: 250 V rms
 RF High Potential: 150 V rms @ 5 MHz

Mechanical data

Mating cycles: ≥ 100
 Engagement force: 2.5 lbf [11 N] max
 Disengagement force: 4.5 lbf [20 N] min

Environmental data

Temperature range -55° C to +165° C



-TOLERANCES- UNLESS OTHERWISE SPECIFIED	仁昊伟业 RENHOTEC GROUP					
	PART DESCRIPTION: SMP PLUG SMT CONNECTOR					
UNLESS OTHERWISE SPECIFIED TOLERANCES FOR MILLIMETERS ARE: 0.5 - 8mm ± 0.10 mm 8 - 30mm ± 0.15 mm 30 - 120mm ± 0.20 mm	Appd: JIM.KING	P/N: RHT-628-2021				
	Check:	Date	Scale	Unit	Type	Page
	Draw: Gavin	2025.06.09	Free	MM	Z	1/1