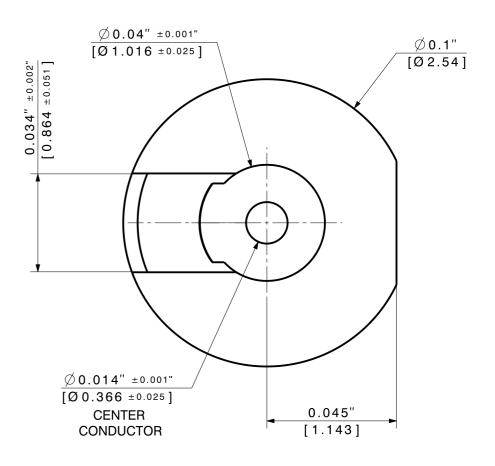


- 1 Interface definition, SMP3 male is designed and manufactured IAW MIL-STD-348 and will mate with SMP3 female connector designed and manufactured IAW MIL-STD-348.
- 2 Mounting Patterns, Customer specific factors including transmission line topology, substrate thickness and material, board-stackup, operating frequency, etc. must be submitted to HUBER+SUHNER Astrolab for analysis prior to release of final performance levels and mounting configuration.



Component	Material	Material Std compliance		Finish	Finish Std compliance
Body	Beryllium Copper	ASTM B-196 UNS No. C17300	Gold Plate Nickel underplate	50μlN - 100μlN [1.27μM - 2.54μM]	Gold per ASTM B- 488, Code C, Type II, Class 1.27
		Temper TD04(H)		50μlN - 100μlN [1.27μM - 2.54μM]	Nickel per SAE- AMS-QQ-N-290, Class I
Insulator	PTFE	ASTM D-1710			
Contact	Beryllium Copper	ASTM B-196 UNS No. C17300 Temper TD04(H)	Gold Plate Nickel underplate	50μlN - 100μlN [1.27μM - 2.54μM]	Gold per ASTM B- 488, Code C, Type II, Class 1.27
				50μlN - 100μlN [1.27μM - 2.54μM]	Nickel per SAE- AMS-QQ-N-290, Class I

Electrical Specification: IMPEDANCE, 50.0 Ohms NOMINAL. FREQUENCY, 65.0 GHz.

Mechanical:

Operating temperature range: -55° C to +165° C.

туре: 81_SMP3-S50-0-FD1		All dimensions after treatment in milimeter (mm)			
Assembly drawing	Released date: 01.11.2022	alternative ID 29174SM-2-001 3D-ID PRO-01167156 A SI	heet: 1 / 1		
	description	ID	Release		
HUBER+SUHNER	SMP3 Male Surface Mount	t DOU-0117167	7 A		

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