

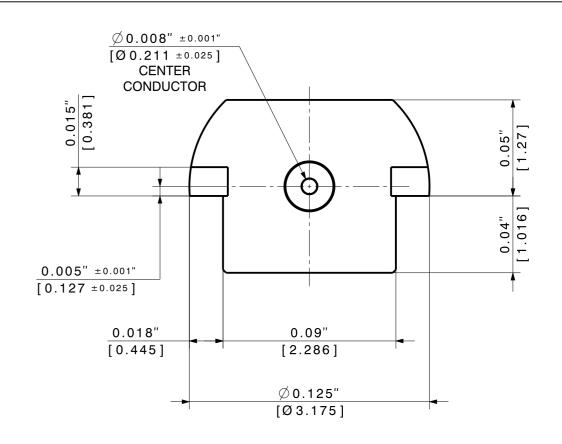
0.121"

[3.073]

0.05"

[1.27]

- 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 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	
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	
				50μΙΝ - 100μΙΝ [1.27μΜ - 2.54μΜ]	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 $+165^{\circ}$ C.

All dimensions are in Inches. All dimensions parenthesis are in milimeters [mm].

туре: 91_SMP3-50-0-FD1	All dimensions after treatment in milimeter (mm					
Assembly drawing	Released date: 10.11.2022	alternative ID	29174BM-2-001	3D-ID PRO-01144641	A Shee	et: 1/1
	description			ID		Release
HUBER+SUHNER	SMP3 Full Detent Edge Mo	ount		DOU-01147	7354	С