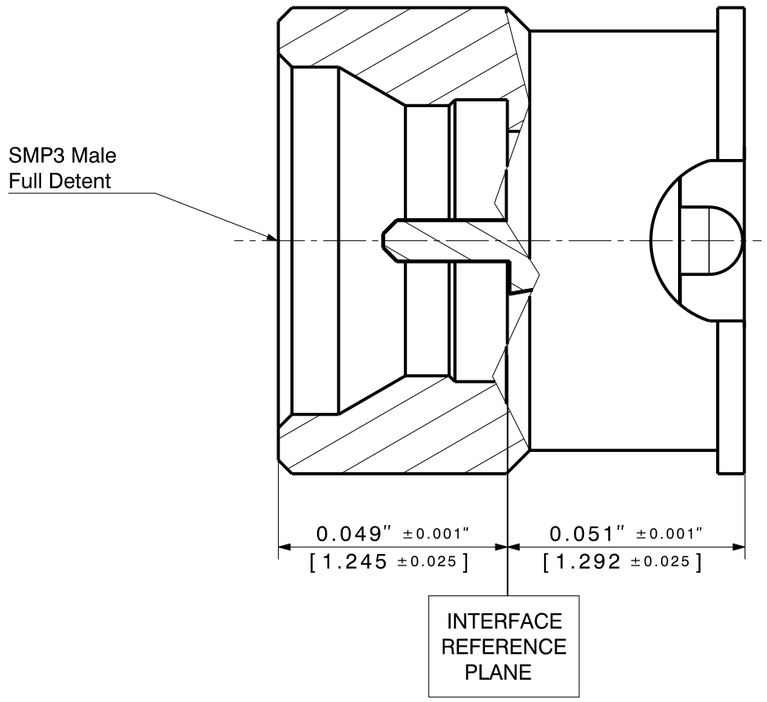

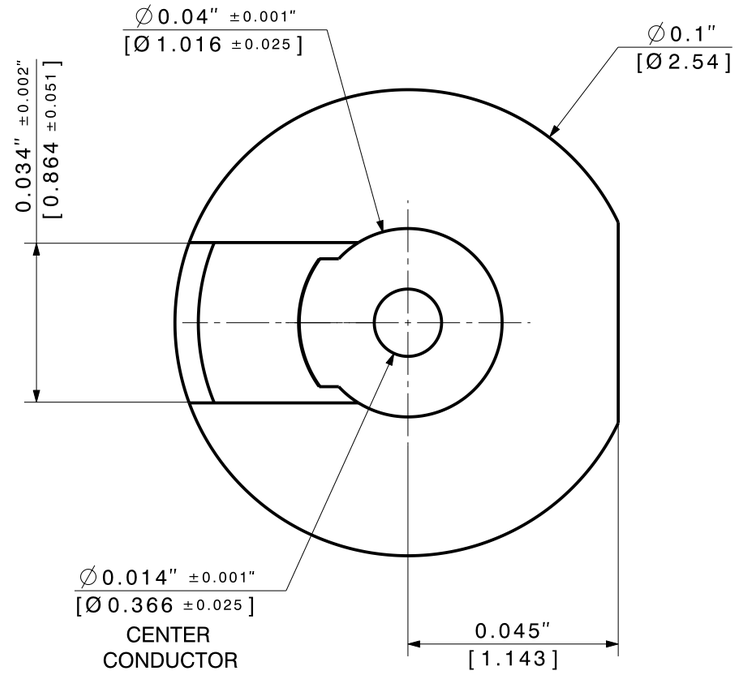

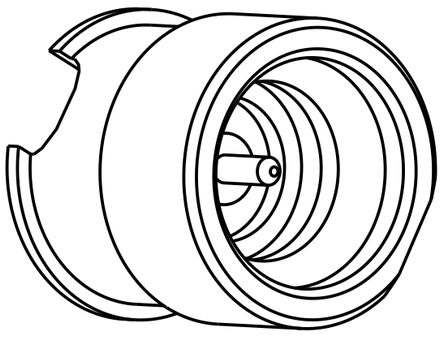

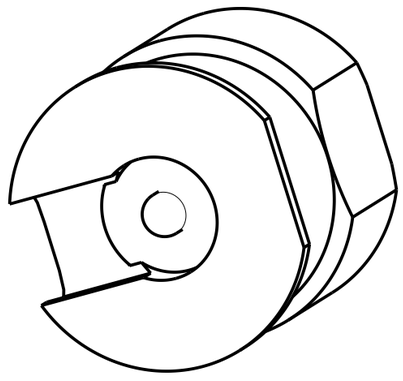

Component	Material	Material Std compliance	Finish		Finish Std compliance
Body	Beryllium Copper	ASTM B-196 UNS No. C17300 Temper TD04(H)	Gold Plate Nickel underplate	50µIN - 100µIN [1.27µM - 2.54µM]	Gold per ASTM B-488, Code C, Type II, Class 1.27
				50µIN - 100µIN [1.27µM - 2.54µM]	Nickel per SAE-AMS-QQ-N-290,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

[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.

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

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

Type: 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 — Sheet: 1 / 1

HUBER+SUHNER

description: SMP3 Male Surface Mount — ID: DOU-01171677 — Release: A