

- **Part Number: M54FP0103F04**
- Size information below (please refer to the drawing):
- $\Phi D1$: 2.2mm / 0.087", $\Phi D2$: 0.30mm / 0.012"
- L1: 3.2mm / 0.126", L2: 1.27mm / 0.050"

ADVANTAGES

- Small Size
- High Reliable
- Good Mechanical Performance
- Wide Frequency Range from DC to 27GHz

APPLICATIONS

- General Purpose Test
- SMA Bulkhead Thread-in Connection
- Rack and Panel Mount Application
- $\Phi 0.30\text{mm}$ / .012" Pin Terminal

KEY FEATURES

Polarity	Standard
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Connector Type	SMA
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Connector Gender	Female
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Impedance	50 Ω
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Body Shape	Straight
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Panel Mounting	2 Hole Flange
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Attachment Method	Solder
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Frequency Range	DC~27GHz
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PERFORMANCE FEATURES

VSWR :	DC~18GHz: 1.10:1 (Max)
	18GHz~27GHz: 1.15:1 (Max)

Contact Resistance	Center Conductor $\leq 3.0\text{m}\Omega$
	Outer Conductor $\leq 2.0\text{m}\Omega$

Insulation Resistance	$\geq 5000\text{M}\Omega$
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Withstanding Voltage	1000V
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Durability	500 Cycles
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Operating Temperature	-55 $^{\circ}\text{C}$ ~+165 $^{\circ}\text{C}$
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MATERIAL SPECIFICATIONS

Housing	Type 303 Stainless Steel
	Polished & Passivated

Center Contact	Beryllium Copper
	Gold Plated (MIL-G-45204)

Insulators	PTFE & PEI
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