

- **Part Number: M54FS15F02**
- Size information below (please refer to the drawing):
- Size: 9.5mm / 0.375inch Square Flange Jack
- Receptacle for Pin:  $\Phi 0.38\text{mm}$  / 0.015inch

## ADVANTAGES

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

## APPLICATIONS

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- General Purpose Test
- Field Replaceable Connector
- Rack and Panel Mount Application
- Receptacle for  $\Phi 0.38\text{mm}$  / 0.015" Pin

## KEY FEATURES

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Polarity	Standard
Connector Type	SMA
Connector Gender	Female
Impedance	50 $\Omega$
Body Shape	Straight
Panel Mounting	4 Hole Flange
Attachment Method	Field Replacement
Frequency Range	DC~27GHz

## PERFORMANCE FEATURES

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

## MATERIAL SPECIFICATIONS

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Housing	Type 303 Stainless Steel
	Polished & Passivated
Center Contact	Beryllium Copper
	Gold Plated (MIL-G-45204)
Insulator	PTFE & PEI