
PRFIA–SMPM–J–J–S–3


SMPM–PF–P–HF–RA–TH–1


PRFIA–SMPM–J–J–S–1


SMPM–PS–P–HG–ST–TH–1


SMPM–PF–P–HG–ST–EM–1


PRFIA–SMPM–J–J–S–2

SMPM, PRFIA SERIES

50 Ω SMPM PLUGS/BULLETS TO 65 GHz

SMPM Cable Mates:
RF047-A, RF086, RF23C

SMPM Mates:
PRFIA

Cable Components:
PRFM0

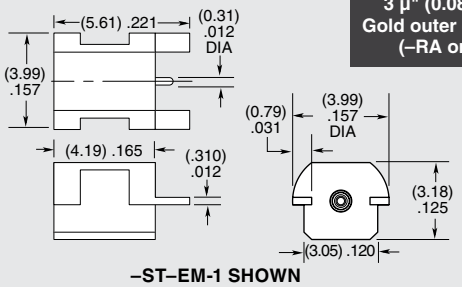
PRFIAMates:
SMPM

SPECIFICATIONS

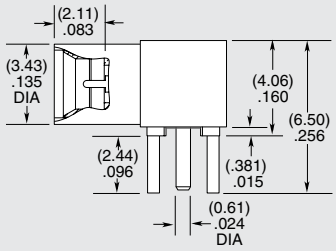
For complete specifications see www.samtec.com?SMPM-TH, www.samtec.com?SMPM-EM or www.samtec.com?PRFIA

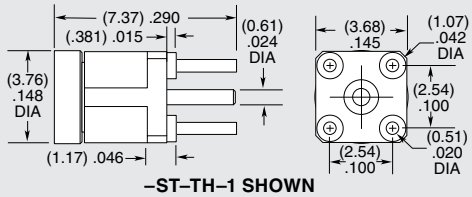
Contact Material: BeCu
Shell Material: BeCu
Insulator Material: PTFE
Operating Temperature: -65 °C to +125 °C
Frequency Range: 0~65 GHz
Impedance: 50 Ω

SMPM	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION	1
	–PF = Full Detent –PS = Smooth Bore –PC = Catchers Mitt (–ST–TH only)	–P = PCB Mount	–HG = 30 µ" (0.76 µm) Gold center contact, 10 µ" (0.25 µm) Gold outer contact (–ST only) –HF = 30 µ" (0.76 µm) Gold center contact, 3 µ" (0.08 µm) Gold outer contact (–RA only)	–ST = Straight –RA = Right-angle (–TH required)	–EM = Drop-in Edge Mount (–ST only) –TH = Through-hole	

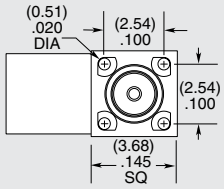


–ST–EM–1 SHOWN



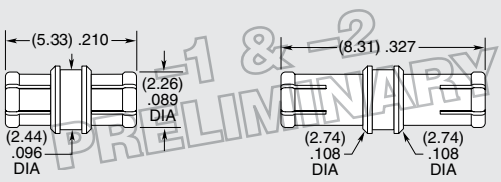


–ST–TH–1 SHOWN

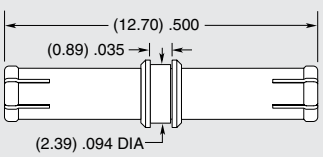


–RA–TH–1 SHOWN

PRFIA	SMPM	GENDER	GENDER	ORIENTATION	OPTION
		–J = Jack	–J = Jack	–S = Straight	–1 = (5.33) .210 –2 = (8.31) .327 –3 = (12.70) .500



OPTION 1 OPTION 2



OPTION 3

Due to technical progress, all designs, specifications and components are subject to change without notice.

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.