

SMP TO 40 GHz

SMP Cable Assemblies RF25S, RF40S



VSWR

RF25S: Contact Samtec
RF40S: Contact Samtec

SERIES

RF25S
= MWC-2550-01 microwave cable
with 25 AWG solid FEP dielectric

RF40S
= RG 405 (.086") 24 AWG
semi-flexible microwave cable

END 1 CONNECTOR

-00SJ7
= SMP Straight Jack

-00RJ7
= SMP Right-angle Jack

END 2 CONNECTOR

OVERALL LENGTH

-"XXXX"
= Overall Length in
millimeters
-0100 (100 mm) 3.94"
minimum

ALSO AVAILABLE

SMA = RF25S

SMA = RF40S

SMP Cable Connectors PRF00



CONNECTORS FOR INDUSTRY STANDARD CABLES

PRF00-J-C-EE-047A-RD	.047 Temp-Flex, low loss flexible, 29 AWG
PRF00-J-C-EE-085A-SD	.085, semi-rigid, 23 AWG
PRF00-PF-C-KK-047D-BD	.047, semi-rigid

J-C = Cable Jack

EE = Plating (50 μ " Gold center contact & outer contact)

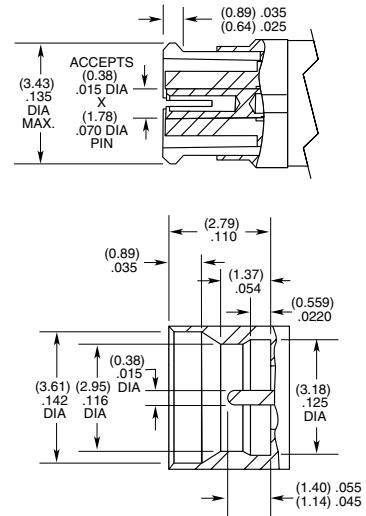
KK = Plating (100 μ " Gold over Nickel center contact, passivated outer contact)

BD = Bulkhead, Direct Solder

SD = Straight, Direct Solder

RD = Right-angle, Direct Solder

INTERFACE STANDARD (FULL DETENT)



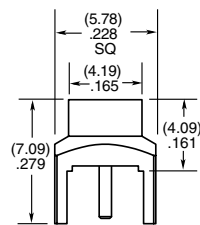
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SMP Board Connectors SMP-TH, SMP-EM

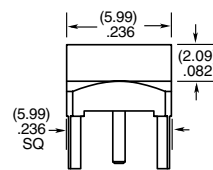
Cable Mates:
RF405, RF255



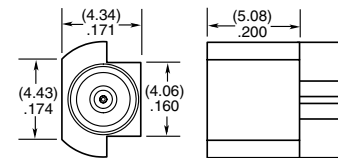
SMP	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-PF = Plug, Full Detent	-P = PCB Mount	-GF = 10 μ " (0.25 μ m) Gold center contact, Gold Flash outer contact (-TH2 only)	-ST = Straight	-TH2 = Through-hole
	-PL = Plug, Limited Detent				-EM3 = Drop-in Edge Mount (Not available with -PC)
	-PS = Plug, Smooth Bore		-HH = 30 μ " (0.76 μ m) Gold center and outer contact (-EM3)		
	-PC = Plug, Catcher's Mitt				



-PF/-PL/-PS-TH2



-PC-TH2

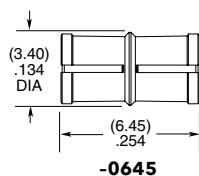


-EM3

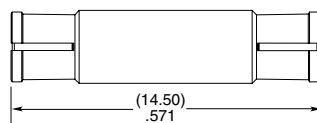
SMP Bullet Adaptor SMP-B



SMP	J	TYPE	PLATING	ORIENTATION	BULLET LENGTH
		-B = Bullet Adaptor	-GF = 10 μ " (0.25 μ m) Gold center contact, Gold Flash outer contact	-ST = Straight	-0645 = 6.45 mm (.254")
					-1450 = 14.50 mm (.571")



-0645



-1450

APPLICATION



Compensates for axial & radial misalignment