

## SMP TO 40 GHz

### SMP Board Connectors

SMP-TH, SMP-EM,  
SMP-MT, SMP-SM

#### Cable Mates:

RF047-A, RF086,  
RF23C, RF405, RF25S



| SMP | GENDER | TYPE | PLATING | ORIENTATION | TERMINATION |
|-----|--------|------|---------|-------------|-------------|
|-----|--------|------|---------|-------------|-------------|

**-PF**  
= Plug, Full Detent

**-PL**  
= Plug, Limited Detent

**-PS**  
= Plug, Smooth Bore

**-PC**  
= Plug, Catcher's Mitt

**-P**  
= PCB  
Mount

**-HG**  
= 30  $\mu$ " (0.76  $\mu$ m)  
Gold center contact,  
10  $\mu$ " (0.25  $\mu$ m)  
Gold outer body

**-ST**  
= Straight

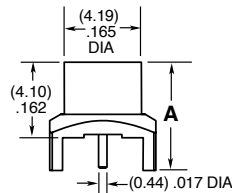
**-SM**  
= Surface Mount  
(Not available with PS)

**-TH"X"**  
= Through-hole  
(Specify "X"  
from chart)

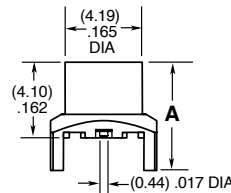
**-MT"X"**  
= Mixed Technology  
(Specify "X"  
from chart)

**-EM**  
= Edge Mount  
(-PL & -PS only)

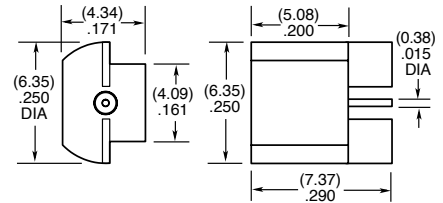
| OPTION<br>(X) | A<br>(HEIGHT DIM.) | BOARD<br>THICKNESS  |
|---------------|--------------------|---------------------|
| 1 (-MT only)  | (5.88) .2315       | (1.60 mm) .062" PCB |
| 2 (-MT only)  | (6.72) .2645       | (2.36 mm) .093" PCB |
| 3 (-TH only)  | (5.88) .2315       | (1.60 mm) .062" PCB |
| 4 (-TH only)  | (6.72) .2645       | (2.36 mm) .093" PCB |



**-PF/-PL/-PS-TH2**



**-MT(X)**



**-EM**

#### ALSO AVAILABLE

Low Frequency options.  
Contact [RFGroup@samtec.com](mailto:RFGroup@samtec.com)

### SMP Bullet Adaptor

SMP-B



| SMP | J | TYPE | PLATING | ORIENTATION | BULLET LENGTH |
|-----|---|------|---------|-------------|---------------|
|-----|---|------|---------|-------------|---------------|

**-B**  
= Bullet Adaptor

**-HG**  
= 30  $\mu$ " (0.76  $\mu$ m)  
Gold center contact,  
10  $\mu$ " (0.25  $\mu$ m)  
Gold outer body

**-ST**  
= Straight

**-0625**  
= (6.25 mm) .246"

**-0645**  
= (6.45 mm) .254"

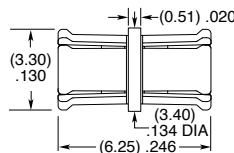
**-0725**  
= (7.25 mm) .285"

**-0825**  
= (8.25 mm) .325"

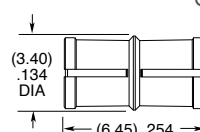
**-0925**  
(9.25 mm) .364"

**-1325**  
(13.25 mm) .522"

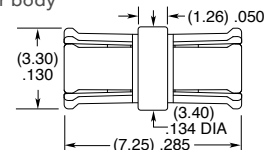
**-1450**  
= (14.50 mm) .571"



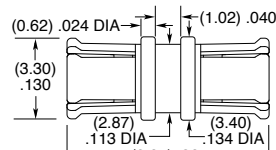
**-0625**



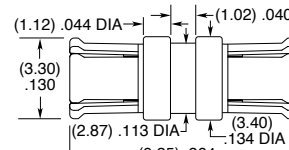
**-0645**



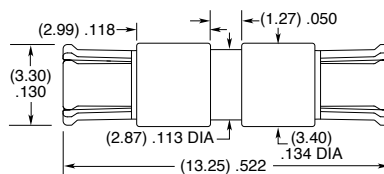
**-0725**



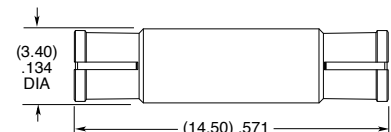
**-0825**



**-0925**



**-1325**



**-1450**