

(2.54 mm) .100"

SMH SERIES

# SMT HORIZONTAL SOCKET

## Mates With:

TSW, MTSW, MTLW,  
EW, ZW, TSS, ZSS, TSM

## SPECIFICATIONS

For complete specifications  
and recommended PCB layouts  
see [www.samtec.com?SMH](http://www.samtec.com?SMH)

### Insulator Material:

Black LCP

### Contact Material:

Phosphor Bronze

### Plating:

Au or Sn over  
50  $\mu$ " (1.27  $\mu$ m) Ni

### Operating Temp Range:

-55 °C to +125 °C with Gold

-55 °C to +105 °C with Tin

### Current Rating:

4.7 A Per Pin (2 pins powered)

### Voltage Rating:

465 VAC/658 VAC

### Insertion Depth:

(3.68 mm) .145" to

(6.35 mm) .250"

### Max Cycles:

100 with 10  $\mu$ " (0.25  $\mu$ m) Au

### RoHS Compliant:

Yes

## PROCESSING

### Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

(0.15 mm) .006" max (02-24)

(0.20 mm) .008" max (25-36)\*

\*(.004" stencil solution  
may be available; contact  
[ipg@samtec.com](mailto:ipg@samtec.com))

## RECOGNITIONS

For complete scope of  
recognitions see  
[www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE

Contact Samtec

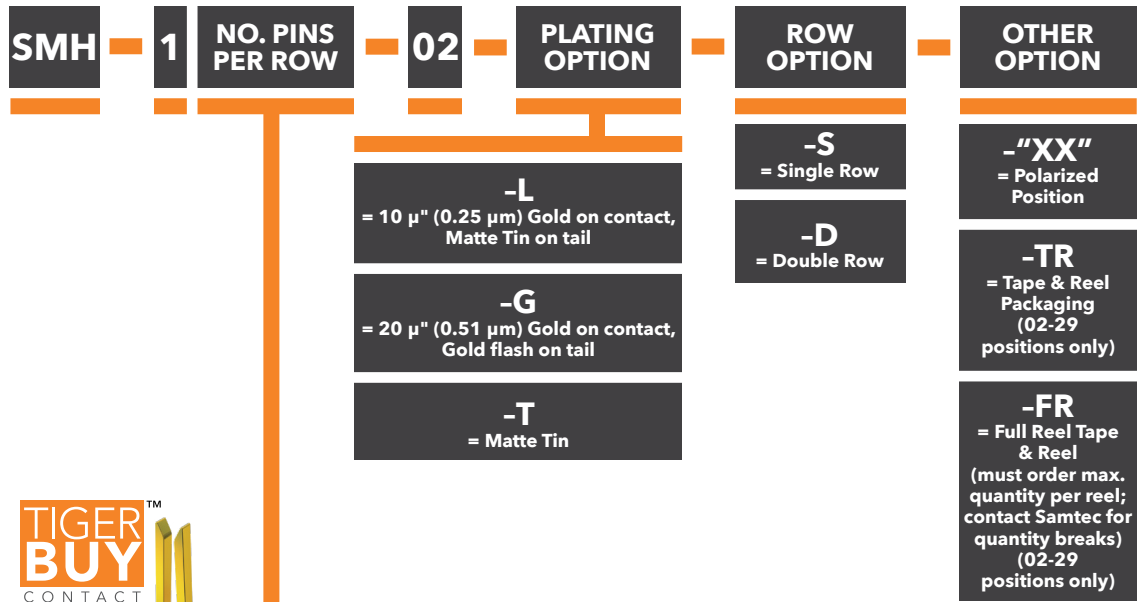
- Other platings

### Important Note:

SMH mated to TSM-DH/-SH  
not coplanar, SSM-DH/-SH  
recommended for coplanar  
applications.

### Note:

Some lengths, styles and  
options are non-standard,  
non-returnable.



02 thru 36

