



(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

50µ" (1,27 µm) Ni

### Operating Temp Range:

-55°C to +125°C with Gold

-55°C to +105°C with Tin

### Contact Resistance:

10 mΩ

### Insertion Depth:

(3,68 mm) .145" to

(6,35 mm) .250"

### Insertion Force:

(Single contact only)

6 oz (1,67 N) avg.

### Withdrawal Force:

(Single contact only)

5 oz (1,39 N) avg.

### Max Cycles:

100 with 10µ" (0,25 µm) 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)

## RECOGNITIONS

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



## ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

### 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.

