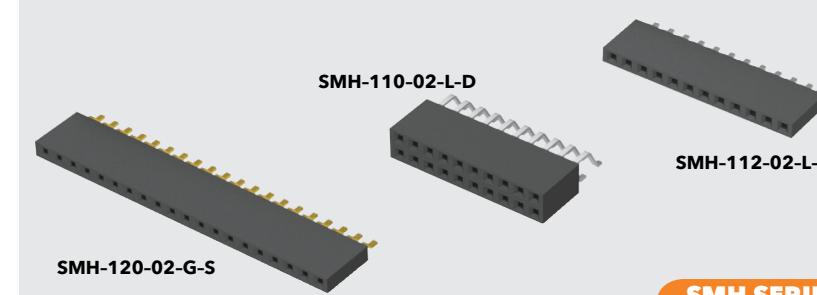


(2.54 mm) .100"



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  $^{\circ}$ C to +125  $^{\circ}$ C with Gold-55  $^{\circ}$ C to +105  $^{\circ}$ 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.

