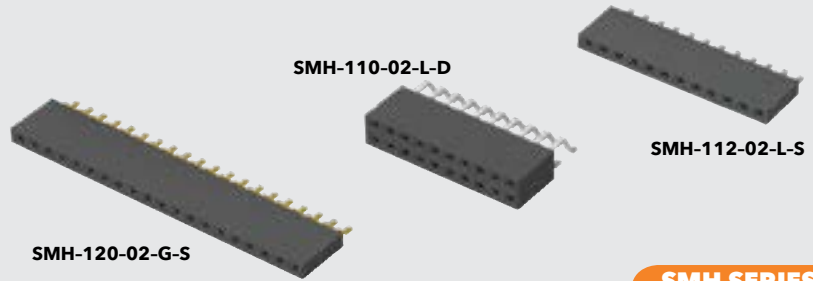




**THE DATASHEET OF  
SMH-103-02-G-S**





(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 μ" (1.27 μm) Ni

**Operating Temp Range:**

-55 °C to +125 °C with Gold

-55 °C to +105 °C with Tin

**Insertion Depth:**

(3.68 mm) .145" to

(6.35 mm) .250"

**Max Cycles:**

100 with 10 μ" (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)\*

\*(.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)



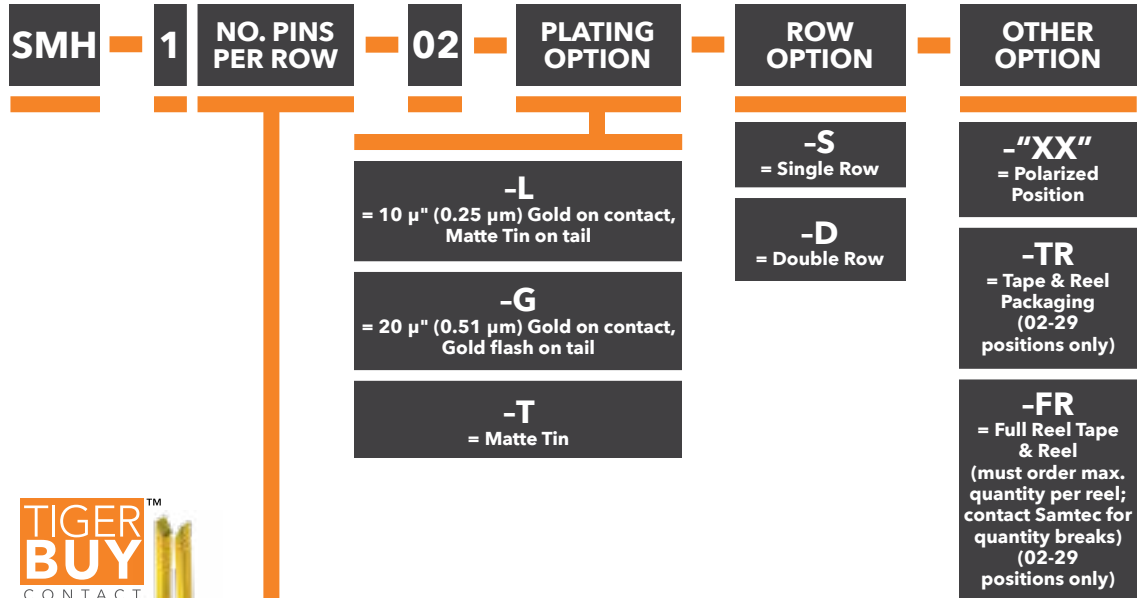
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## ALSO AVAILABLE (MOQ Required)

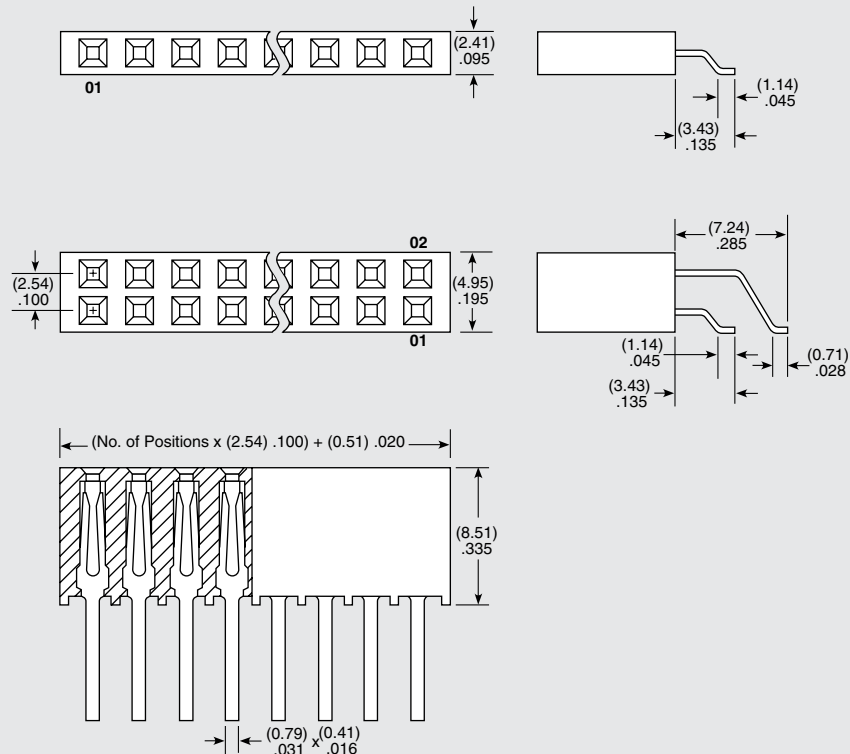
- Other platings

**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



## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View SMH-103-02-G-S on WIN SOURCE](#)

 [Samtec Inc. Information](#)

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