

(2,54 mm) .100"

SMH-110-02-L-D

SMH-112-02-L-S

SMH-120-02-G-S

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

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

FILE NO. E111594 FILE NO. 090871_0_000

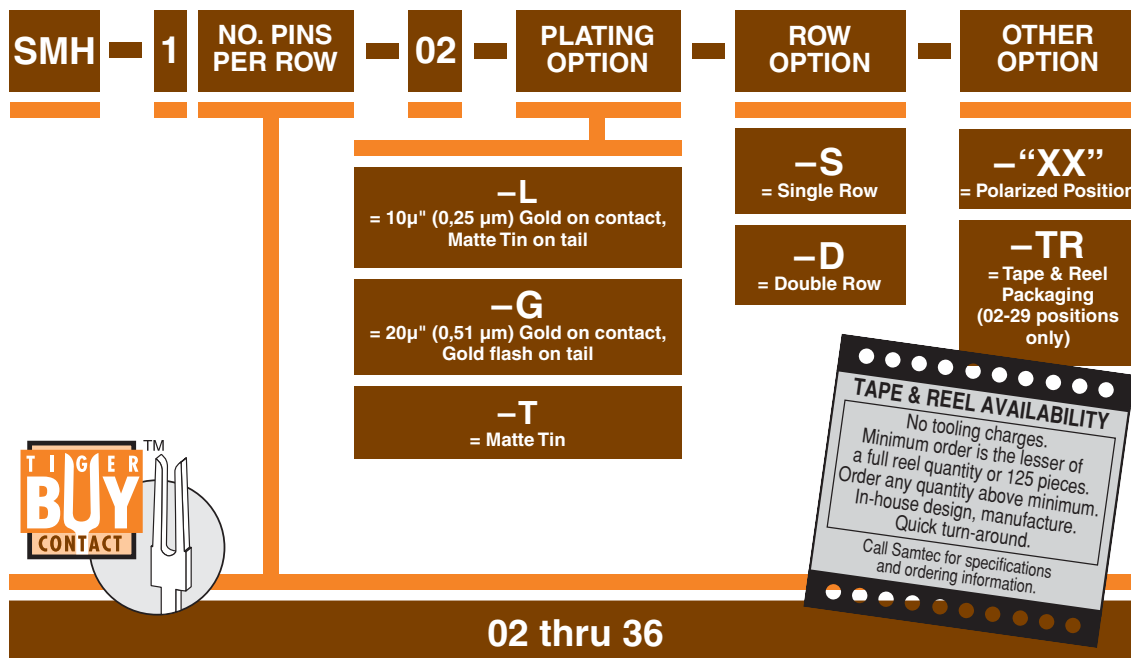
ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

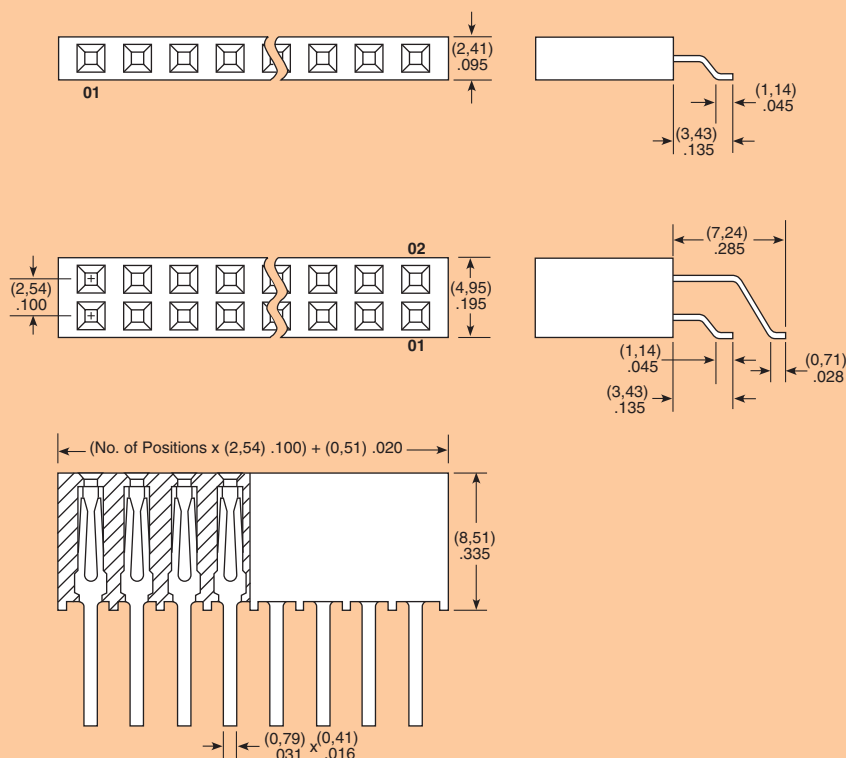
Important Note:

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.

02 thru 36



Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM