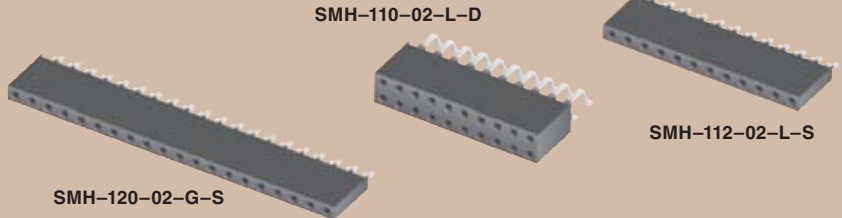




(2,54mm) .100"

SMH SERIES



SMT HORIZONTAL SOCKET

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" (1,27µm) Ni

Current Rating:

3A continuous

Operating Temp Range:

-55°C to +125°C with Gold

-55°C to +105°C with Tin

Contact Resistance:

10 mΩ max

Insertion Depth:

(3,68mm) .145" to (6,35mm) .250"

Insertion Force:

(Single contact only)

6oz (1,67N) avg.

Withdrawal Force:

(Single contact only)

5oz (1,39N) avg.

Max Cycles:

100 with 10µ" (0,25µm) Au

RoHS Compliant:

Yes

Processing:

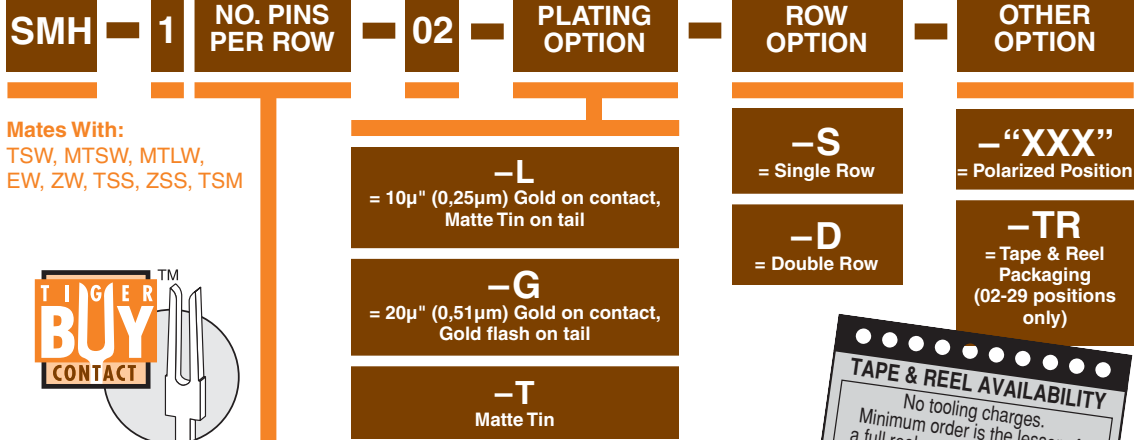
Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

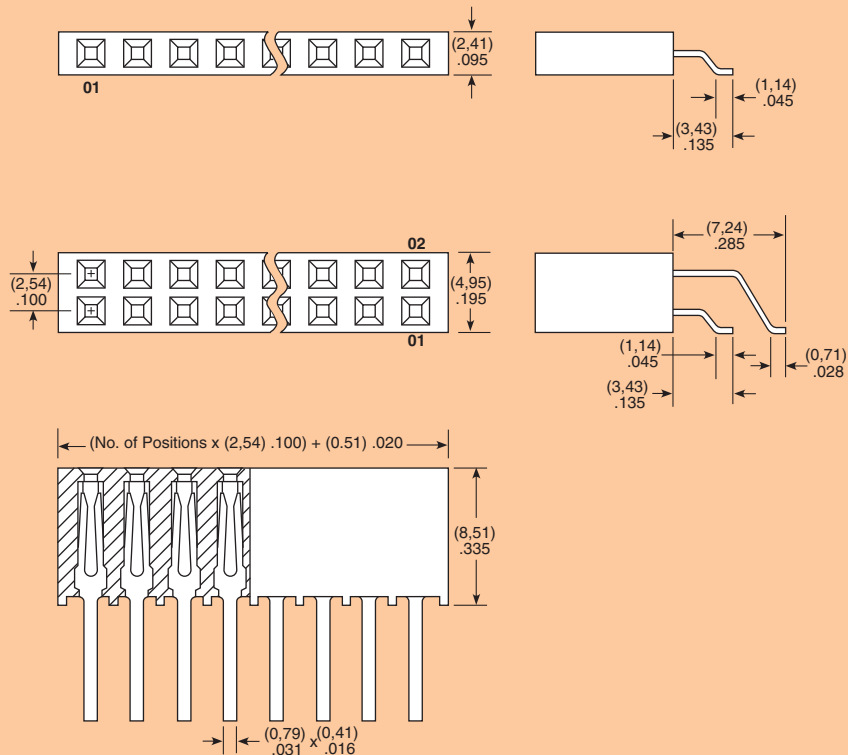
(0,15mm) .006" max (02-24)

(0,20mm) .008" max (25-36)



TAPE & REEL AVAILABILITY
 No tooling charges.
 Minimum order is the lesser of a full reel quantity or 125 pieces.
 Order any quantity above minimum. In-house design, manufacture. Quick turn-around.
 Call Samtec for specifications and ordering information.

02 thru 36



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

Note:
 Other Gold plating options available. Contact Samtec.

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

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

WWW.SAMTEC.COM