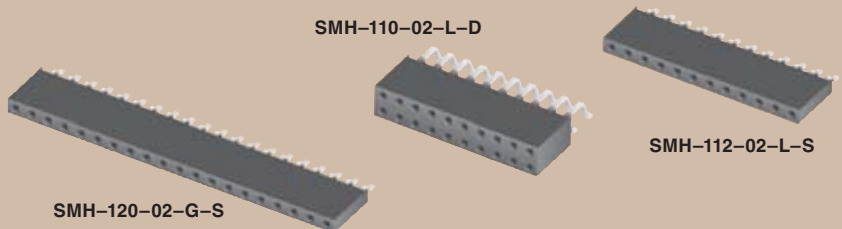


(2,54mm) .100"

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

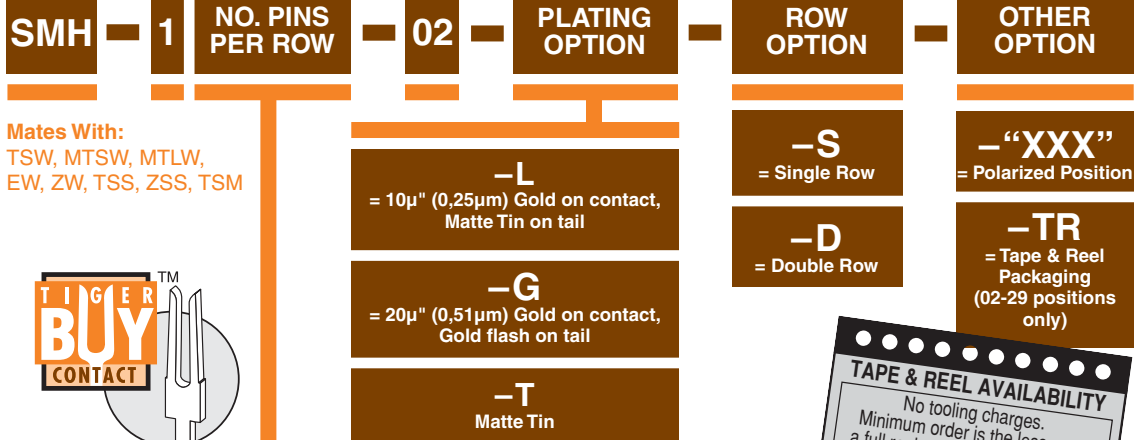
Insertion Depth:
(3,68mm) .145" to (6,35mm) .250"

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



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.

Processing:
Lead-Free Solderable:
Yes

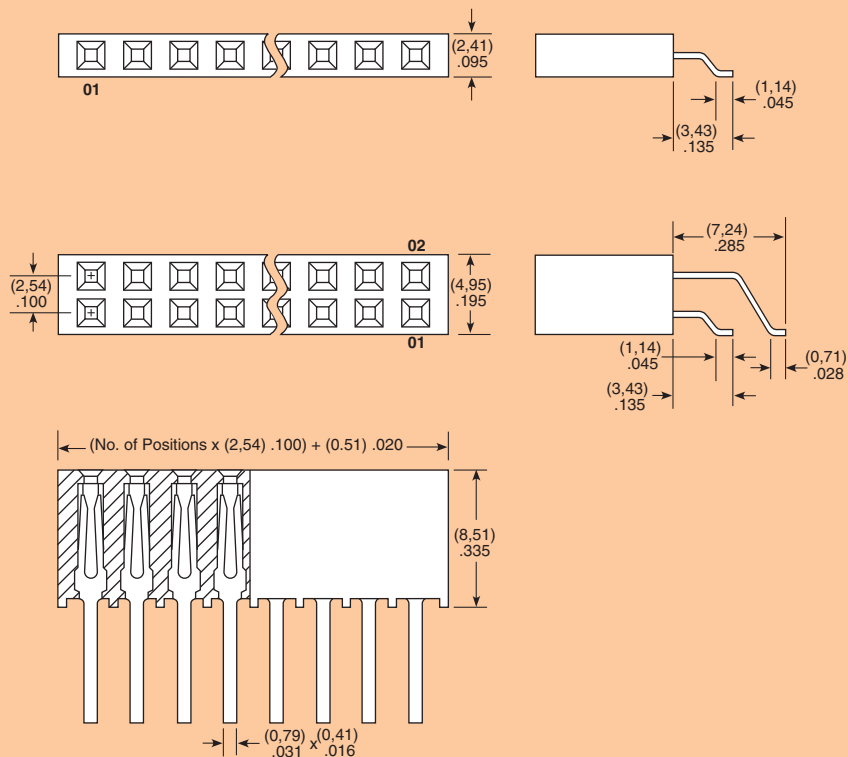
SMT Lead Coplanarity:
(0,15mm) .006" max (02-24)
(0,20mm) .008" max (25-36)

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.

02 thru 36



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

WWW.SAMTEC.COM