

(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

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



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.

| | | | | | | |
|------------|----------|-------------------------|-----------|---|---------------------------|--|
| SMH | 1 | NO. PINS PER ROW | 02 | PLATING OPTION | ROW OPTION | OTHER OPTION |
| | | | | -L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail | -S = Single Row | -“XX” = Polarized Position |
| | | | | -G = 20µ" (0,51 µm) Gold on contact, Gold flash on tail | -D = Double Row | -TR = Tape & Reel Packaging (02-29 positions only) |
| | | | | -T = Matte Tin | | |

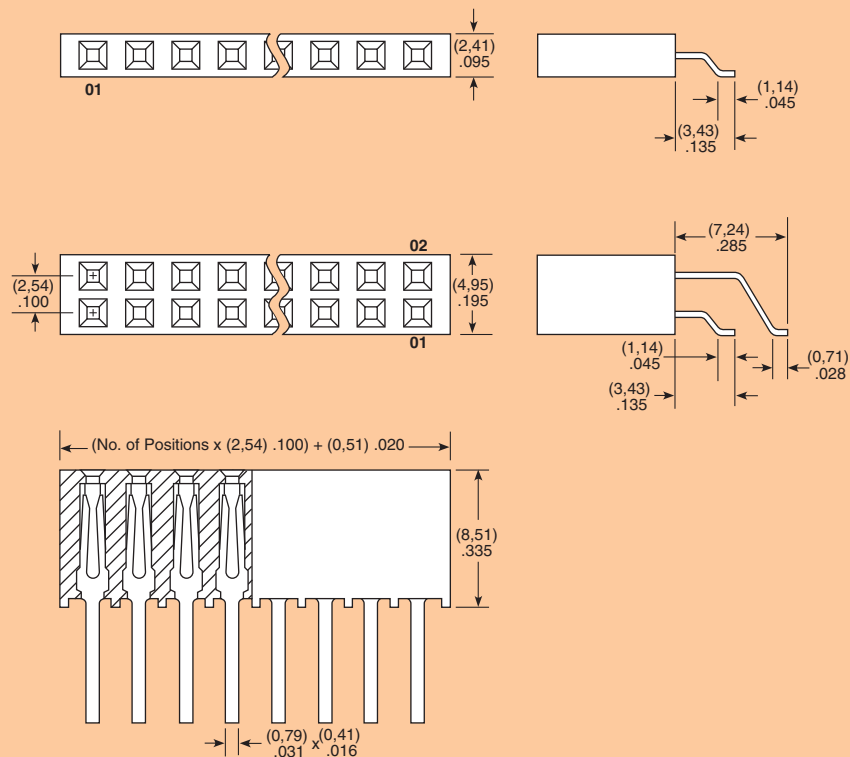
TAPE & REEL AVAILABILITY

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



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

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