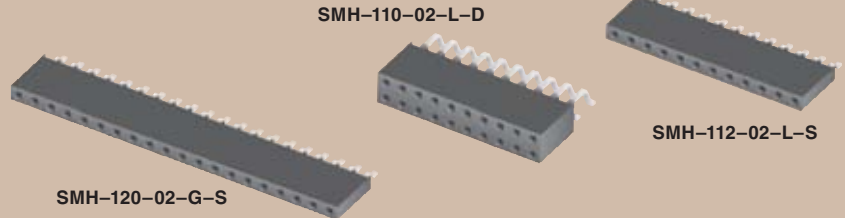


(2,54mm) .100"

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

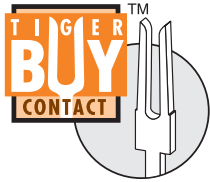
SMT Lead Coplanarity:

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

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



SMH	1	NO. PINS PER ROW	02	PLATING OPTION	ROW OPTION	OTHER OPTION
		Mates With: TSW, MTSW, MTLW, EW, ZW, TSS, ZSS, TSM		-L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail	-S = Single Row	-“XXX” = Polarized Position
				-G = 20µ" (0,51µm) Gold on contact, Gold flash on tail	-D = Double Row	-TR = Tape & Reel Packaging (02-29 positions only)
				-T = Matte Tin		

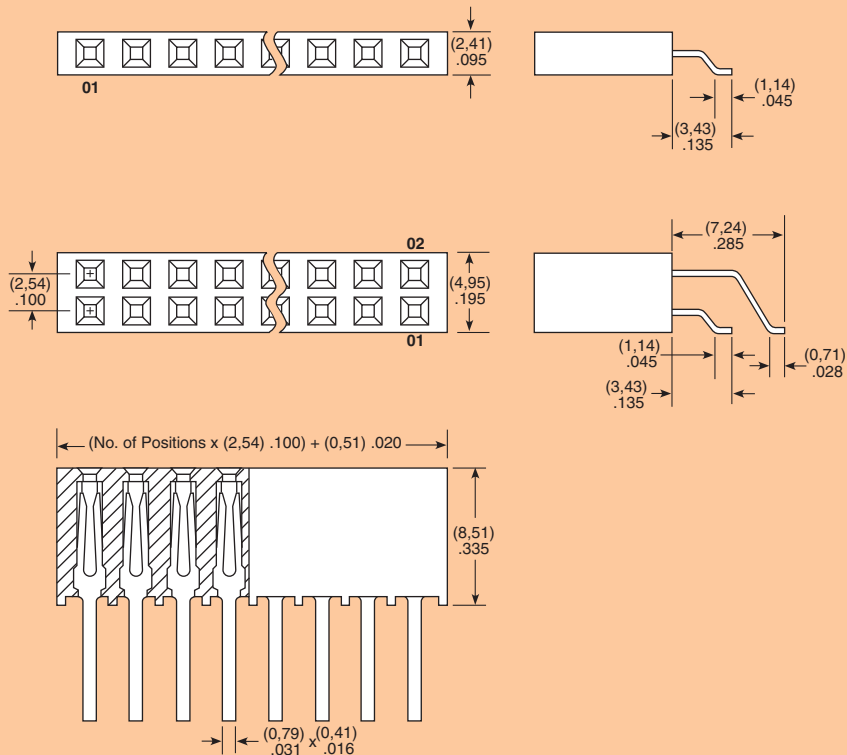


TAPE & REEL AVAILABILITY

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



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