

(2,54 mm) .100"

SMH SERIES

SMH-110-02-L-D

SMH-112-02-L-S

SMH-120-02-G-S

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" (1,27 μm) Ni

Current Rating:

3A per contact continuous

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)



Mates With:
TSW, MTSW, MTLW,
EW, ZW, TSS, ZSS, TSM



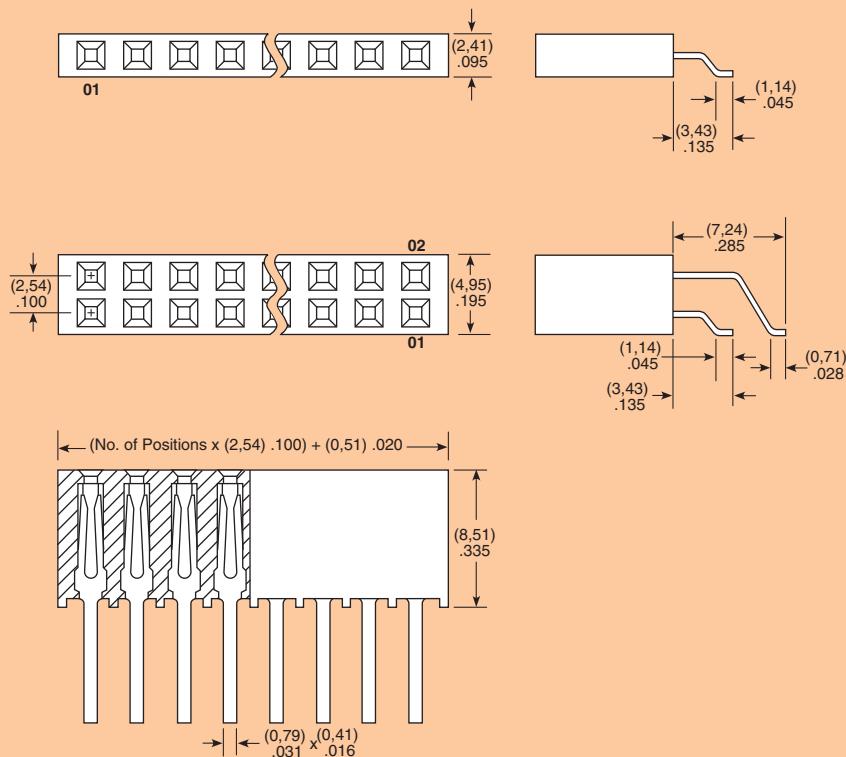
SMH	1	NO. PINS PER ROW	02	PLATING OPTION	ROW OPTION	OTHER OPTION
				-L = 10μ" (0,25 μm) Gold on contact, Matte Tin on tail	-S = Single Row	-“XX” = Polarized Position
				-G = 20μ" (0,51 μm) Gold on contact, Gold flash on tail	-D = Double Row	-TR = Tape & Reel Packaging (02-29 positions only)
				-T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

Note:

Other Gold plating options available.
Contact Samtec.



02 thru 36



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.

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

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