

(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
50 μm (1.27 μm) Ni
Operating Temp Range:
-55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin
Insertion Depth:
(3.68 mm) .145" to
(6.35 mm) .250"
Max Cycles:
100 with 10 μm (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)*
*(.004" stencil solution
may be available; contact
IPG@samtec.com)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



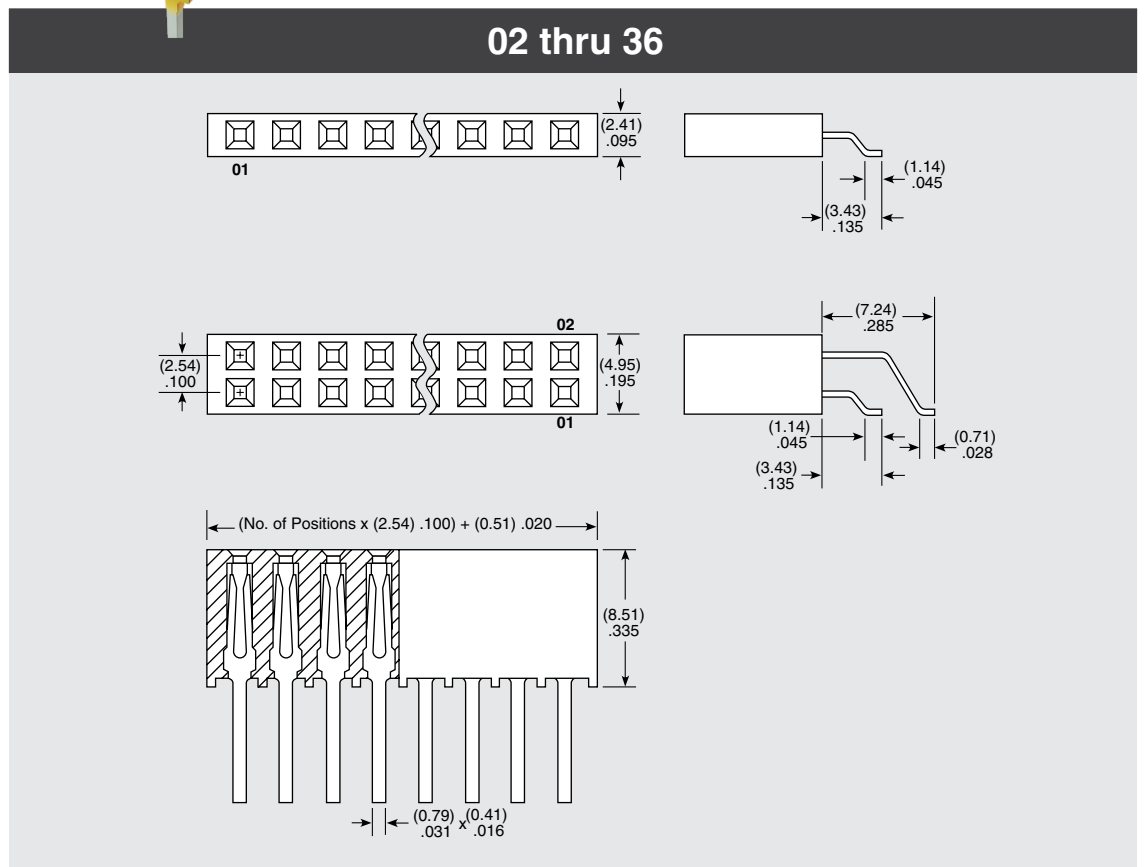
ALSO AVAILABLE (MOQ Required)

- Other platings

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 = 10 μm (0.25 μm) Gold on contact, Matte Tin on tail	-S = Single Row	-“XX” = Polarized Position
				-G = 20 μm (0.51 μm) Gold on contact, Gold flash on tail	-D = Double Row	-TR = Tape & Reel Packaging (02-29 positions only)
				-T = Matte Tin		-FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (02-29 positions only)



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