



(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 μ " (1.27 μ m) 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 μ " (0.25 μ m) 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



FILE NO. E111594

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 μ " (0.25 μ m) Gold on contact, Matte Tin on tail	-S = Single Row	-“XX” = Polarized Position
				-G = 20 μ " (0.51 μ m) 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)



02 thru 36

