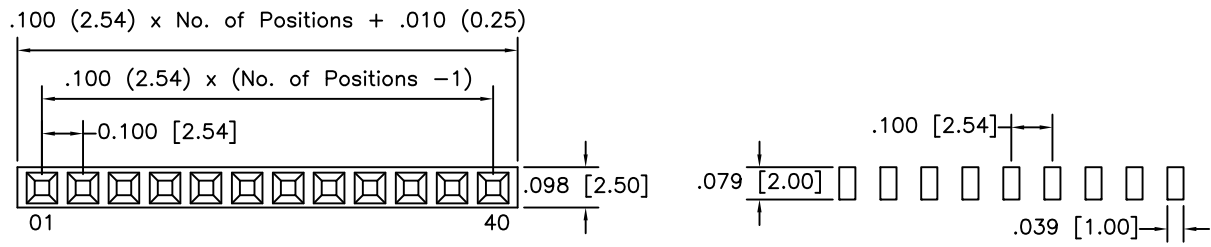
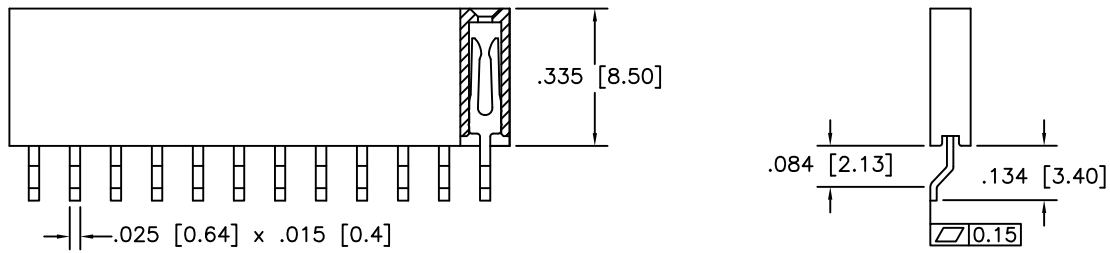


Major League Electronics .100 cl Socket Strips - Surface Mount - Horizontal



RECOMMENDED P.C. BOARD LAYOUT



Ordering Information

SSHSM-1 - S - 02 - - H - - - LF

Pins Per Row (01 - 40)
 Row Specification S = Single Row
 Surface Mount
 Packing Information TR = Tape and Reel, TB = Tube
 Polarized Position Leave blank if not needed
 If required, specify empty pin position, e.g. 012 for Pin 12
 Horizontal
 Lead Free

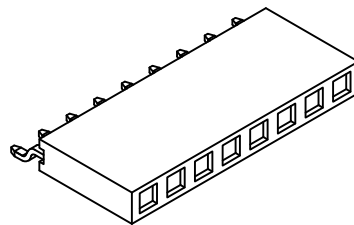
Plating Options	
30µ Gold on Contact Area / Matte Tin on Tail	H
Matte Tin all Over	T
10µ Gold on Contact Area / Matte Tin on Tail	GT
10µ Gold on Contact Area / Flash on Tail	G
Gold Flash over Entire Pin	F

Specifications

Insertion Depth: .145 (3.68) to .250 (6.35)
 Insertion Force - Per Contact - H Plating:
 6oz. (1.67N) avg with .025 (0.64mm) sq. pin
 Withdrawal Force - Per Contact - H Plating:
 5oz. (1.39N) avg with .025 (0.64mm) sq. pin
 Current Rating: 3.0 Ampere
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding: 1000V AC/Min.
 Contact Resistance: 20 mΩ Max.
 Operating Temperature: -25°C to + 105°C
 Max. Process Temperature:
 Peak: 260°C up to 20 secs.
 Process: 230°C up to 60 secs.
 Wave: 260°C up to 6 secs.
 Reflow: 260°C up to 10 secs.
 Manual Solder: 350°C up to 5 secs.

Mates with:

BSTC, TSHCR,
 BSTCM, TSHCRE,
 BSTCR, TSHCRSM,
 BSTCRSM, TSHR,
 BSTS, TSHRE,
 LBSTCM, TSHS,
 LTSHCR, TSHSCM,
 LTSHCRE, TSHSM,
 LTSHR, ULTSHSM,
 LTSHRE, ULTSHC,
 LTSHSM, ULTSHCR,
 TSHC,



Materials

Contact Material: Phosphor Bronze
 Contact Underplating: 50µ Ni
 Insulator Material: Nylon 6T

Products cut to specific sizes are uncancellable/nonreturnable

Parts are subject to change without notice

SSHSM-1-SH SERIES

Socket Strips - Surface Mount - Horizontal

21 APR 10

Scale
NTS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS IN INCHES (MM)
TOLERANCES ARE:

ONE PLACE DECIMALS ±.100
TWO PLACE DECIMALS ±.010
THREE PLACE DECIMALS ±.005
FOUR PLACE DECIMALS ±.0020



4235 Earnings Way, New Albany, Indiana, 47150, USA
 1-800-782-3486 (USA/Canada/Mexico)
 Tel: 812-944-7244
 Fax: 812-944-7268
 E-mail: mle@mlelectronics.com
 Web: www.mlelectronics.com

Revision
D

Sheet
1/2

Revisions

Revision D - (7th July 2011)

Correction to Dimension: Distance from insulator to pin
(PCB side, for SMT mount).


.033 (0.85) changed to .084 (2.13mm).

Revision C - (25th March 2011)

Packing option added: TB = Tube

Revision B - (8th July 2010)

Change Insertion Depth: From .138 to .248 now .145 to .250.

	SSHSM-1-SH SERIES	Socket Strips - Surface Mount - Horizontal	21 APR 10	Scale NTS
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES (MM) TOLERANCES ARE: ONE PLACE DECIMALS ±.100 TWO PLACE DECIMALS ±.010 THREE PLACE DECIMALS ±.005 FOUR PLACE DECIMALS ±.0020</small>		<p>4235 Earnings Way, New Albany, Indiana, 47150, USA 1-800-782-3486 (USA/Canada/Mexico) Tel: 812-944-7244 Fax: 812-944-7268 E-mail: mle@mlelectronics.com Web: www.mlelectronics.com</p>		Revision D
				Sheet 2/2