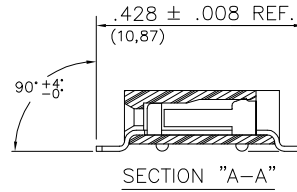
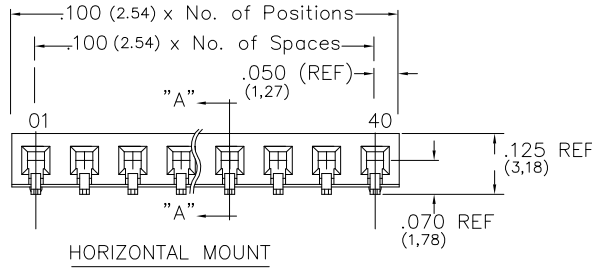
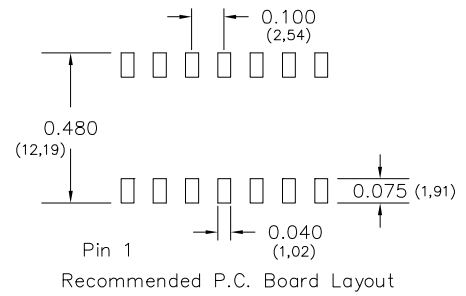
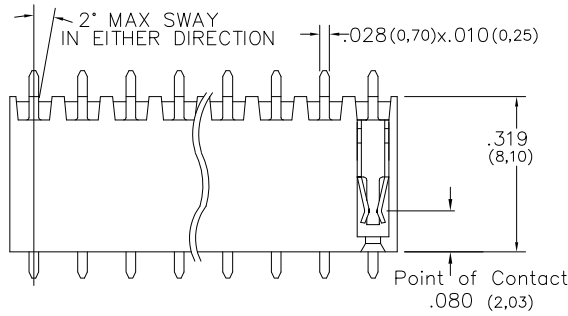


Major League Electronics .100 cl Surface Mount Box Contact - Horizontal



Tails may be clipped to achieve desired pin length

Ordering Information

SMBC-1 [XX] - S - 02 - [XX] - H - [XXX] - [XX] - LF

Pins Per Row
02 - 40
Row Specification
S = Single Row
Surface Mount

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

Lead Free

Packing Information
TR = Tape and Reel
TB = Tube
If left blank, packaging at MLE's discretion
Pad may be metal, mylar or plastic

Polarized Position
Leave blank if not needed
If required, specify empty pin position, e.g. 012 for Pin 12

Horizontal

Specifications

Insertion Depth: .145 (3,68) to .250 (6,35)

Insertion Force - Per Contact - H Plating:

5oz. (1,39N) avg with .025 (0,64mm) sq. pin

Withdrawal Force - Per Contact - H Plating:

3oz. (0,83N) avg with .025 (0,64mm) sq. pin

Current Rating: 3.0 Ampere

Insulation Resistance: 5000MΩ Min.

Dielectric Withstanding: 500V AC

Contact Resistance: 20 mΩ Max.

Operating Temperature: -40°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.

Materials

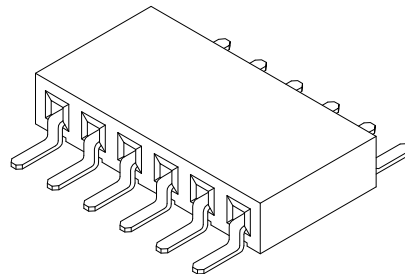
Contact Material: Phosphor Bronze

Insulator Material: Nylon 6T

Plating: Au or Sn over 50µ" (1,27) Ni

Products cut to specific sizes are uncancellable/nonreturnable

Parts are subject to change without notice



Mates with:

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

SMBC-1-SH SERIES

.100 cl Single Row
Surface Mount Box Contact - Horizontal

29 JAN 07

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
ANGLES
±5°



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

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