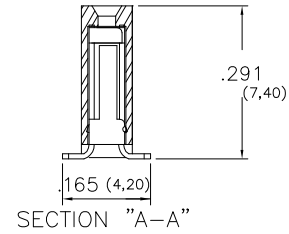
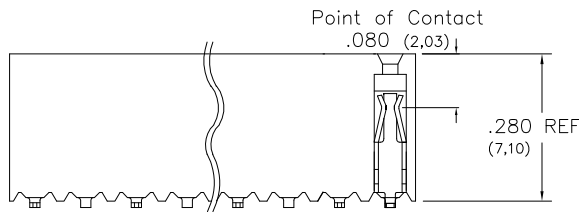
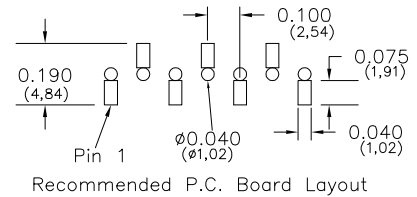
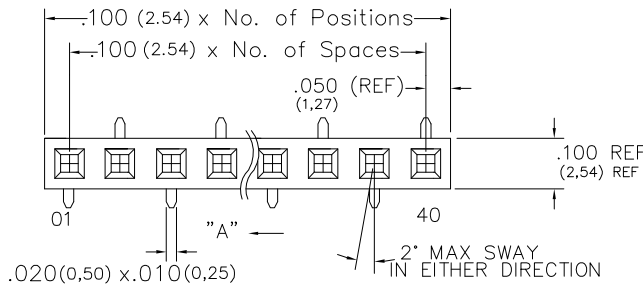


Major League Electronics .100 cl Surface Mount Box Contact - Vertical



Tails may be clipped to achieve desired pin length

Ordering Information

SMBC-1 - S - 02 - - V - - S - - - 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

Vertical

Lead Free

Packing Information

TR-P = Tape and Reel with Plastic Pick and Place pad

TB-P = Tube with Plastic Pick and Place pad

TB-0 = Tube without Pick and Place Pad

If left blank, packaging at MLE's discretion

Pad may be metal, mylar or plastic

Footprint

S = pin 1 right

Polarized Position

Leave blank if not needed

If required, specify empty pin position, e.g. 012 for Pin 12

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: 1000MΩ Min.

Dielectric Withstanding: 600V 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

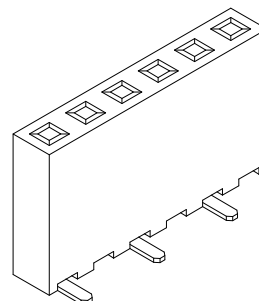
Contact Material: Phosphor Bronze

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, ULTSHCR
 TSHC,

SMBC-1-SV-S SERIES

.100 cl Single Row
Surface Mount Box Contact - Vertical

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°



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