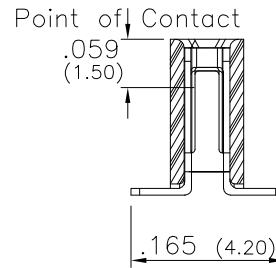
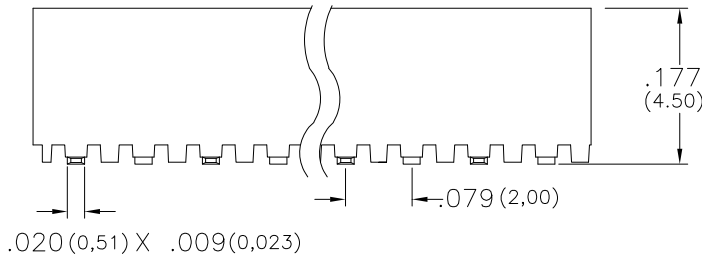
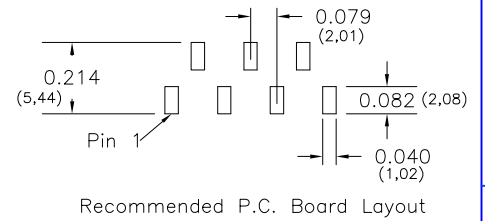
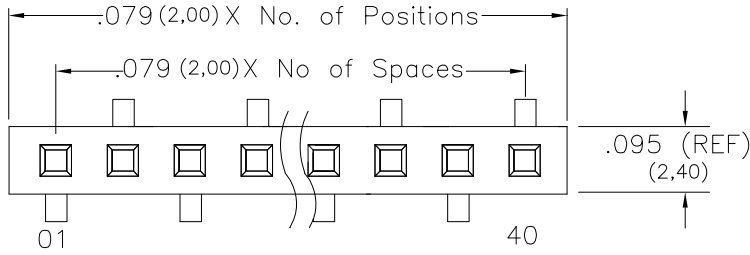


Major League Electronics .079 cl Surface Mount Box Contact - Vertical



Tails may be clipped to achieve desired pin length

Ordering Information

SMBC-2 [XX] - S - 02 - [XX] - V - [XXX] - S - [XX] - [X] - LF

Pins Per Row
01 - 40

Row Specification
S = Single Row

Surface Mount

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

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

Vertical

Mates with:

BSTC,
BSTCM,
BSTCR,
BSTCRSM,
BSTS,
TBSTC,
TBSTCM,
TBSTS,
TSHC,
TSHCR,
TSHCRE,
TSHCRSM,
TSHR,
TSHRE,
TSHS,
TSHSCM,
TTSHC,
TTSHCR,
TTSHCRE,
TTSHR,
TTSHRE,
TTSHS,
TTSHSM

Specifications

Insertion Force - Single Contact only - H Plating:

3.7oz. (1,03N) avg with .0197 (0,50mm) sq. pin

Withdrawal Force - Single Contact only - H Plating:

2.2oz. (0,61N) avg with .0197 (0,50mm) sq. pin

Current Rating: 2.0 Ampere

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 500V AC

Contact Resistance: 20 mΩ Max.

Operating Temperature: -40°C to + 105°C

Max. Process Temperature:

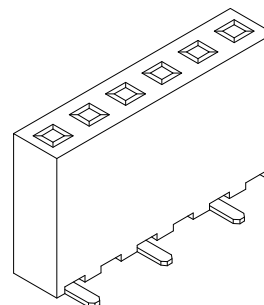
Peak: 260°C up to 10 secs.

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

SMBC-2-SV-S SERIES

Surface Mount Box Contact

13 FEB 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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Web: www.mlelectronics.com

Edition
B

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Revisions

Revision B - 4th February 2010

Amendment to footprint dimension:

Previous dimension .192"

Amended dimension .165"

SMBC-2-SV-S SERIES

Surface Mount Box Contact

13 FEB 07

Scale
NTS

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

ONE PLACE DECIMALS $\pm .100$
TWO PLACE DECIMALS $\pm .010$
THREE PLACE DECIMALS $\pm .005$
FOUR PLACE DECIMALS $\pm .0020$

ANGLES
 $\pm 5^\circ$



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Edition
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