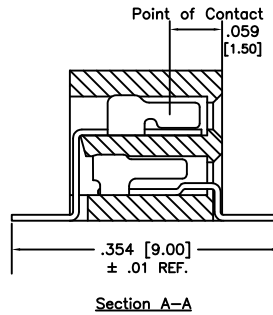
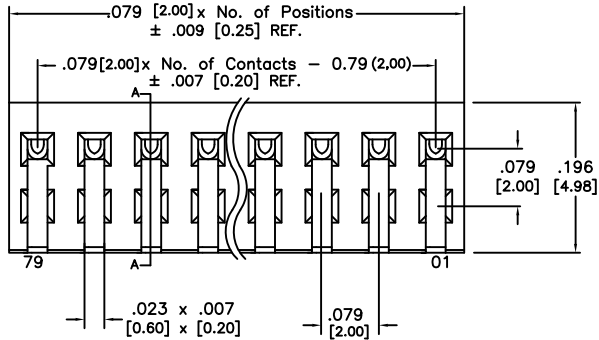
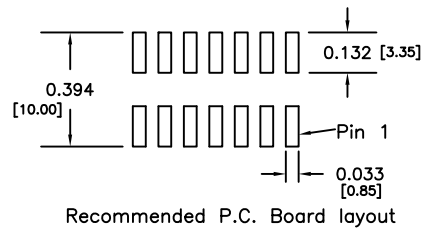
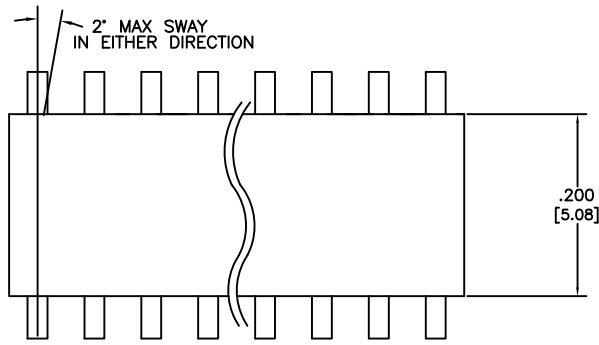


Major League Electronics .079 cl Surface Mount Box Contact - Horizontal



Tails may be clipped to achieve desired pin length

Ordering Information

SMBC-2 [XX] - [D] - [02] - [XX] - [H] - [XXX] - [XX] - [LF]

Pins Per Row
03 - 25

Row Specification
D = Dual Row

Surface Mount

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

Lead Free

Packing Information

TR = Tape and Reel

TB = Tube

If left blank, packaging at MLE's discretion

Polarized Position

Leave blank if not needed

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

Horizontal

Mates with:

- BSTC,
- BSTCM,
- BSTCR,
- BSTCRSM,
- BSTS,
- TBSTC,
- TBSTCM,
- TBSTS,
- 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

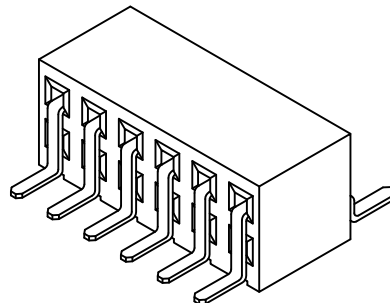
Contact Material: Phosphor Bronze

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-DH SERIES

.079 cl Dual Row - Horizontal
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°



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
C

Sheet
1/2

Revisions

Revision C - 4th November 2010

Amendment to Insulator Body Height:

Previous dimension .157"

Amended dimension .196"

Revision B - 4th February 2010

Amendment to footprint dimension:

Previous dimension .320"

Amended dimension .354"

Amendment to insulator height:

Previous dimension .168"

Amended dimension .157"

Amendment to pin dimension:

Previous dimension .020" x .009"

Amended dimension .023" x .007"

Amendment to P.C Board Layout

Amendment to pins per row:

Previous - 01- 40

Amended - 03 - 25

SMBC-2-DH SERIES

.079 cl Dual Row - Horizontal
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°



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
C

Sheet
2/2