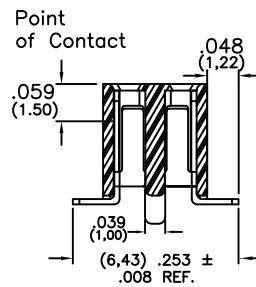
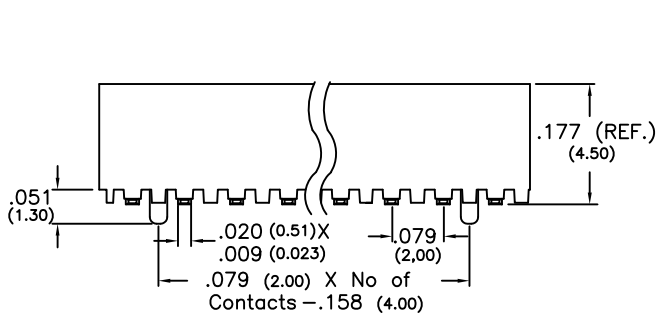
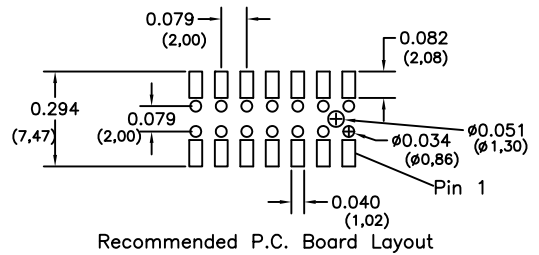
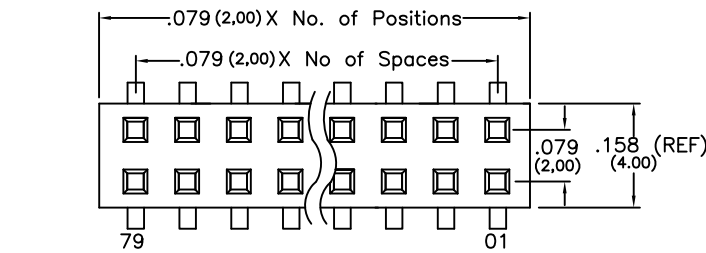


# Major League Electronics .079 cl Surface Mount Box Contact - Vertical



Tails may be clipped to achieve desired pin length

## Ordering Information

SMBC-2  -  - D - 02 -  - V -  -  -  -  -  - LF

Pins Per Row  
01 - 40  
Row Specification  
D = Dual Row  
Surface Mount

Lead Free

Alignment Pin  
Leave blank if not needed  
AP = With

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

## Packing Information

TR-P = Tape and Reel with Plastic Pick and Place pad  
TR-M = Tape and Reel with Metal Pick and Place pad  
TR-K = Tape and Reel with Kapton Tape Pick and Place pad  
TB-P = Tube with Plastic Pick and Place pad  
TB-M = Tube with Metal Pick and Place pad  
TB-K = Tube with Kapton Tape Pick and Place pad  
TB-O = Tube without Pick and Place Pad  
BK-O = Bulk without Pick and Place Pad

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

Mates with:

BSTC,  
BSTCM,  
BSTCR,  
BSTCRSM,  
BSTS,  
TBSTC,  
TBSTCM,  
TBSTCSM,  
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-D-V 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  
35



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C

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## Revisions

Revision C - 7th July 2010

Added alignment pin option

Revision B - 18th November 2010

Amendment to mating parts

Products cut to specific sizes are uncancellable/nonreturnable

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SMBC-2-D-V 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°



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Revision  
C

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