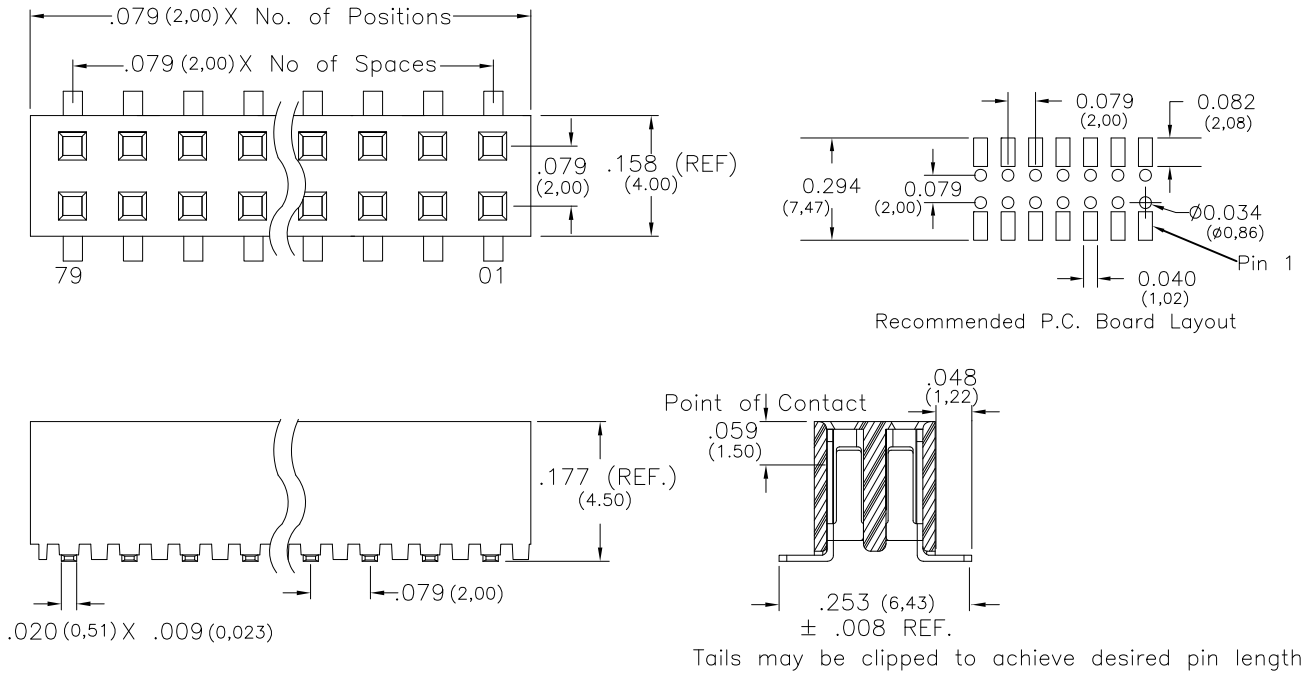


# Major League Electronics .079 cl Surface Mount Box Contact - Vertical



## Ordering Information

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

Pins Per Row  
01 - 40

Row Specification  
D = Dual Row

Surface Mount

Lead Free

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-0 = Tube without Pick and Place Pad
- BK-0 = 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:

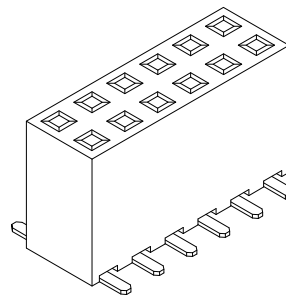
- BSTC,
- BSTCM,
- BSTCR,
- BSTCRSM,
- BSTS,
- TBSTC,
- TBSTCM,
- TBSTS,
- TBSTCM,
- TSHC,
- TSHCR,
- TSHCRE,
- TSHCRSM,
- TSHR,
- TSHRE,
- TSHS,
- TSHSCM,
- TTSHC,
- TTSHCR,
- TTSHCRE,
- TTSHR,
- TTSHRE,
- TTSHS,
- TTSHSM

## 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  
±5°



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B

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# Revisions

Revision B - 18th November 2010

Amendment to mating parts

SMBC-2-D-V SERIES

Surface Mount Box Contact

13 FEB 07

Scale  
NTS

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

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TWO PLACE DECIMALS ±.010  
THREE PLACE DECIMALS ±.005  
FOUR PLACE DECIMALS ±.0020

ANGLES  
±3°



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