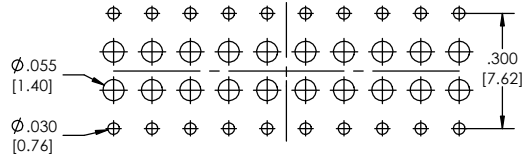
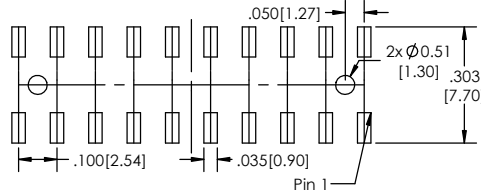
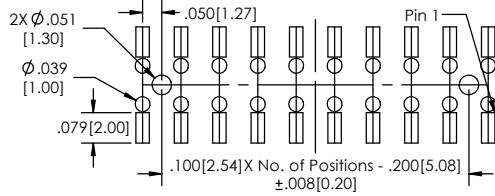


Recommended P.C. Board Layout

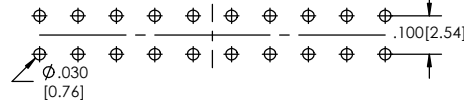
SCALE 4:1

SURFACE MOUNT 02 PASS THRU ENTRY

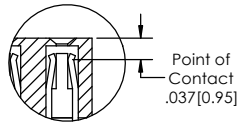
SURFACE MOUNT 02 TOP ENTRY



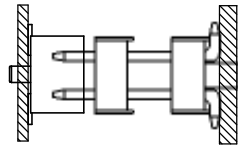
THRU HOLE OPTION 06 ENTRY



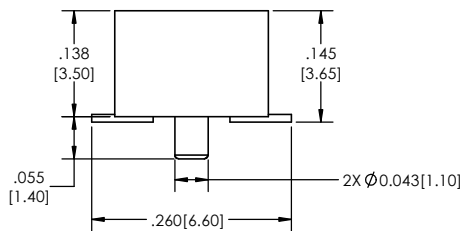
THRU HOLE OPTION 04 ENTRY



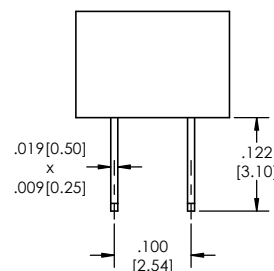
APPLICATION



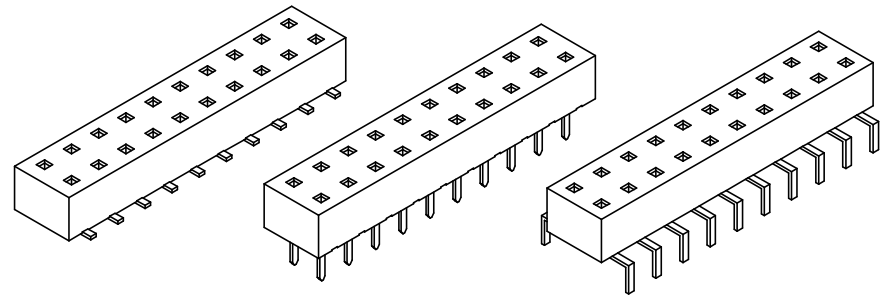
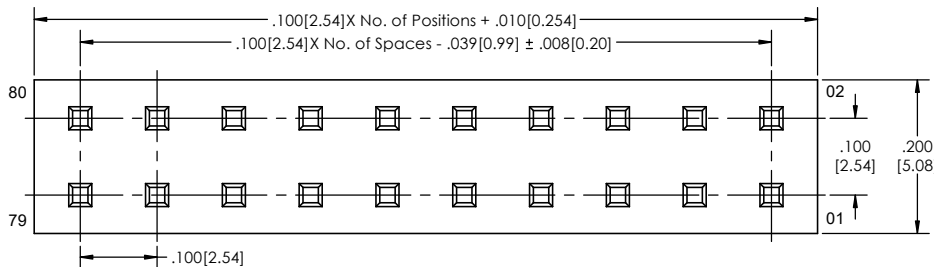
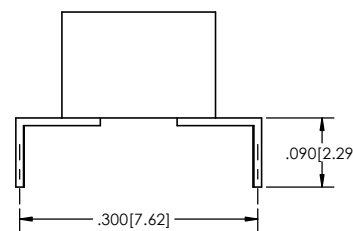
SURFACE MOUNT OPTION



THRU HOLE OPTION 04



THRU HOLE OPTION 06



LSMBC-1 [XX] - [X] - [XX] - [XX] - [V] - [XXX] - [XX] - [X] - [XX] - [LF]
(A) (B) (C) (D) (E) (F) (G) (H) (I) (J)

- A. Pins Per Row
- 1 through 40
- B. Row Specification
- D= Dual Row
- C. Style
- 02= Surface mount option
- 04= Thru hole .100[2.54] option
- 06= Thru hole .300[7.62] option
- D. Plating Options
- See Plating Options below
- E. V= Vertical
- F. Polarized Position
- Leave blank if not needed
- If required, specify empty pin position
- e.g. 012 for Pin 12
- G. Packing Information (Only for 02 option)
- TR= Tube and Reel
- TB= Tube
- H. Pad
- P= Plastic
- K= Kapton
- O= No Pad
- If left blank, packaging at MLE's discretion
- Pad may be metal, mylar or plastic
- I. Alignment Pin (Only for 02 option)
- Leave blank if not needed
- AP= With
- J. Lead Free

Plating options	
G	-10µ Gold on Contact Area/ Flash on Tail
T	-Matte Tin all Over
GT	-10µ Gold on Contact Area/ Matte Tin on Tail
H	-30µ Gold on Contact Area/ Matte Tin on Tail
F	-Gold Flash over Entire Pin
FT	- Gold Flash on Contact Area/ Matte Tin on Tail

Specifications:
Insertion Depth: .070[1.78] to .135[3.43]
Insertion Force- Per Contact- H Plating:
2oz.[0.56N] avg with .025[0.64mm] Sq. pin
Withdrawal Force- Per Contact- H Plating:
1.6oz.[0.44N] avg. with .025[0.64mm] Sq. pin
Current Rating: 3.0 Ampere
Insulation Resistance: 1000M Ohms Min.
Dielectric Withstanding: 600V AC
Contact Resistance: 20M Ohms Max.
Operation Temperature: -40°C to +105°C
Max. Process Temperature
Peak: 260°C up to 20 secs.
Process: 230°C up to 30 secs.
Reflow: 260°C up to 10 secs.

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

Materials:
Contact Material: Phosphor Bronze
Insulator Material: Polyester, UL94V-0, LCP+30%G.F., Black
Plating: Au or Sn over 50µ" (1.27) Ni
Tails may be clipped to achieve specific dimensions.
Products cut to specific sizes are uncancellable/ nonreturnable.
Parts are subject to change without notice.



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ONE DECIMALS ±.100	
THREE DECIMAL ±.010	
FOUR DECIMAL ±.002	
NEXT ASSY	USED ON
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MATERIAL:		2533 Centennial Blvd.		
FINISH:		Jeffersonville, IN 47130		
		Phone: 812-670-4174		
		Fax: 812-670-4175		
		E-Mail: mle@mlelectronics.com		

TITLE: LSMBC-1 SERIES	
SIZE	DWG. NO.
C	D
SCALE 8:1	SHEET 1 OF 1