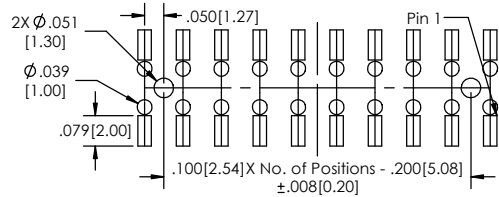


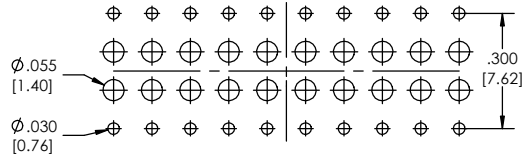
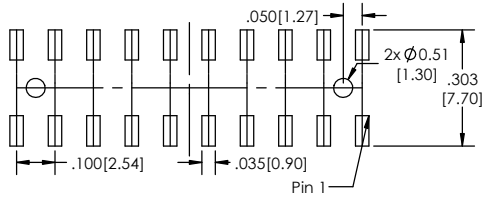
Recommended P.C. Board Layout

SCALE 4:1

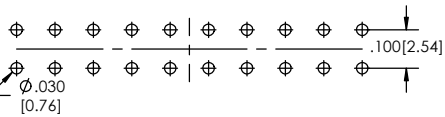
SURFACE MOUNT 02 PASS THRU ENTRY



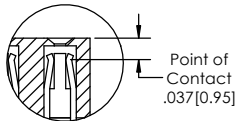
SURFACE MOUNT 02 TOP ENTRY



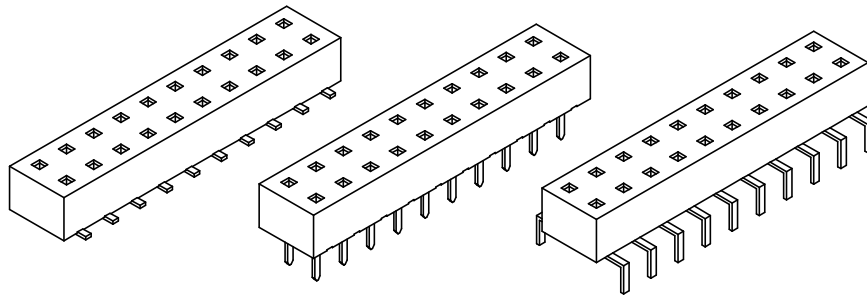
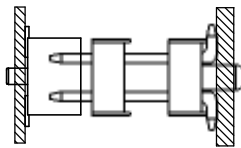
THRU HOLE OPTION 06 ENTRY



THRU HOLE OPTION 04 ENTRY



APPLICATION



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

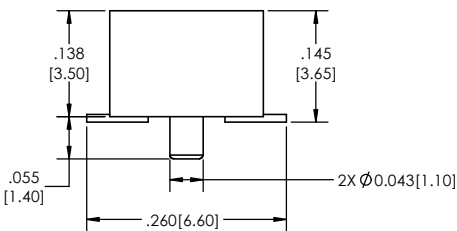
Specifications:
 Insertion Depth: .070 [1.78] to .135 [3.43]
 .102 [2.59] for bottom entry
 Insertion Force- Per Contact- H Plating:
 2oz [0.56N] avg with .025 [0.64mm] Sq. pin
 Withdrawal Force- Per Contact- H Plating:
 1.6oz [0.44N] avg. with .025 [0.64mm] Sq. pin
 Current Rating: 3.0 Ampere
 Insulation Resistance: 100M 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 ULTSHSCR
 TSHC

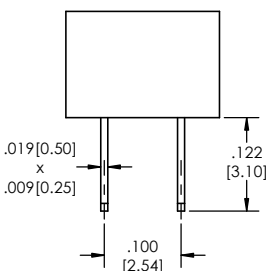
Materials:
 Contact Material: Phosphor Bronze
 Insulator Material: Polyester, UL94V-0, LCP+30%G.F., Black
 Plating: Au or Sn over 50µ" (1.27) Ni
 Tails may be clipped to achieve specific dimensions.

Products cut to specific sizes are uncancelable/nonreturnable.
 Parts are subject to change without notice.

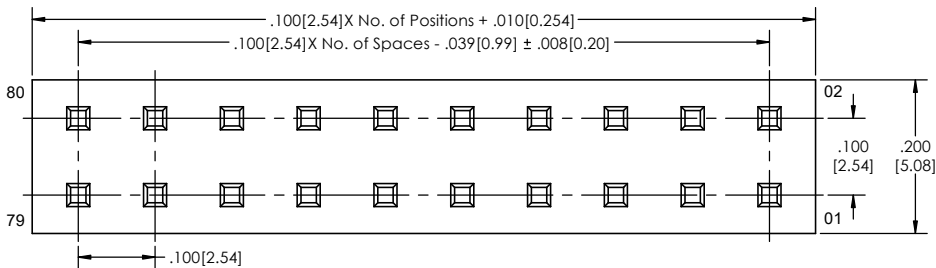
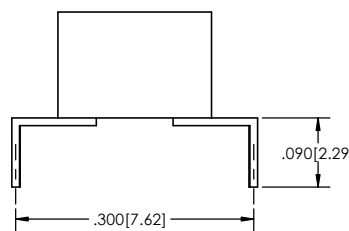
SURFACE MOUNT OPTION



THRU HOLE OPTION 04



THRU HOLE OPTION 06



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UNLESS OTHERWISE SPECIFIED:		NAME		DATE
DIMENSIONS ARE IN INCHES		DRAWN	EOW	01/19/15
TOLERANCES:		CHECKED	GWE	01/19/15
ONE DECIMALS ±.100		ENG APPR.		
TWO DECIMAL ±.100		MFG APPR.		
THREE DECIMAL ±.005		ADDRESS:		
FOUR DECIMAL ±.002		2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com		
NEXT ASSY	USED ON	TITLE: LSMBC-1 SERIES		
APPLICATION	DO NOT SCALE DRAWING	SIZE	DWG. NO.	REV
		C		D
		SCALE 8:1		SHEET 1 OF 1

