

ULSMBC-2 XX - D - 02 - 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. Surface Mount
- D. Plating Options
 - See Plating Options below
- E. Vertical
- F. Polarized Position
 - Leave blank if not needed
 - If required, specify empty pin position
 - e.g. 012 for Pin 12
- G. Packing Information
 - TR= Tape 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
 - Leave blank
 - AP= With
- I. 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 Force: Single Contact Only- H Plating:
 0.6oz. [0.50N] avg with .0197 [0.050mm] sq. pin
 Withdrawal Force: Single Contact only- H Plating:
 0.6oz. [0.17N] avg with .0197 [0.050mm] sq. pin
 Current Rating: 3.0 Ampere
 Insulation Resistance: 1000M Ohms Min.
 Dielectric Withstanding: 500V AC
 Contact Resistance: 20M Ohms Max.
 Operation 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.


Mates with:	
BSTC	TSHR
BSTCM	TSHRE
CSTCR	TSHS
BSTCRSM	TSHSCM
BSTS	TTSHC
TBSTC	TTSHCR
TBSTCM	TTSHCRE
TBSTS	TTSHR
TSHC	TTSHRE
TSHCR	TTSHS
TSHCRE	TTSHSM
TSHCRSM	

Materials:
Contact Material: Phosphor Bronze
Insulator Material: Nylon 6T
Plating: Au or Sn over 50 μ " (1.27) N

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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UNLESS OTHERWISE SPECIFIED:		NAME		DATE			
DIMENSIONS ARE IN INCHES TOLERANCES: ONE DECIMAL ±.100 TWO DECIMAL ±.010 THREE DECIMAL ±.005 FOUR DECIMAL ±.002		DRAWN		EOW 09/21/15			
		CHECKED		GWE 09/21/15			
		ENG APPR.					
		MFG APPR.					
INTERPRET GEOMETRIC TOLERANCING PER MATERIAL		ADDRESS:				TITLE: ULSMBC-2 SERIES	
		2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mllectronics.com				SIZE DWG. NO. REV	
NEXT ASSY USED ON		FRESH		SCALE 1" = 1"		SHEET 1 OF 1	
APPLICATION		DO NOT SCALE DRAWING					