



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:
 1.8oz. [0.50N] avg. with 0.197 [0.050mm] sq. pin
Withdrawal Force: Single Contact only- H Plating:
 0.6oz. [0.17N] avg. with 0.197 [0.50mm] 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
STCRSM	TSHSCM
BSTS	TSHSC
TBSTC	TTSHCR
TBSTCM	TTSHCRE
TBSTS	TTSHR
TSHC	TTSHRE
TSHCR	TTSHS
TSHCRE	TTSHSM
SHCRSM	

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



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
Major League Electronics. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
Major League Electronics IS
PROHIBITED.

UNLESS OTHERWISE SPECIFIED:				NAME		DATE	
DIMENSIONS ARE IN INCHES TOLERANCES: ONE DECIMALS ±100 TWO DECIMAL ±100 THREE DECIMAL ±005 FOUR DECIMAL ±002				DRAWN		EOW 01/20/15	
				CHECKED		GWE 01/20/15	
				ENG APPR.			
				MFG APPR.			
		INTERPRET GEOMETRIC TOLERANCING PER:		G.A.			
		MATERIAL		ADDRESS:		TITLE: ULSMBC-2 SERIES	
				4235 Earnings Way New Albany, IN 47150 Phone: 812-944-7244 Fax: 812-944-7268 e-Mail: usa@ulsmilectronics.com		SIZE DWG. NO.	
NEXT ASSY USED ON		FINISH		C		REV C	
APPLICATION		DO NOT SCALE DRAWING		SCALE 14:1		SHEET 1 OF 1	