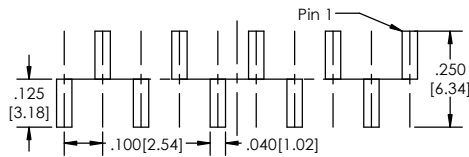
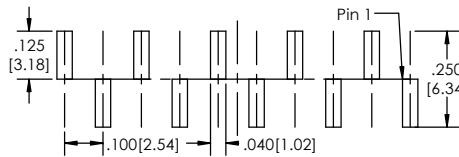


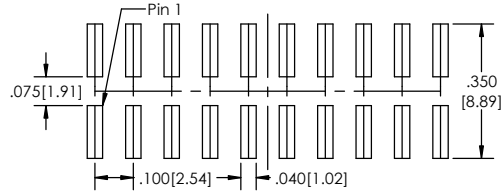
Recommended P.C. Board Layout
SCALE 4:1



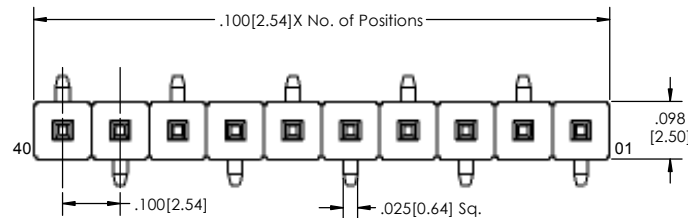
SINGLE (M) ROW



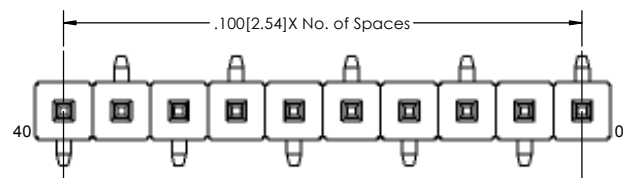
SINGLE (S) ROW



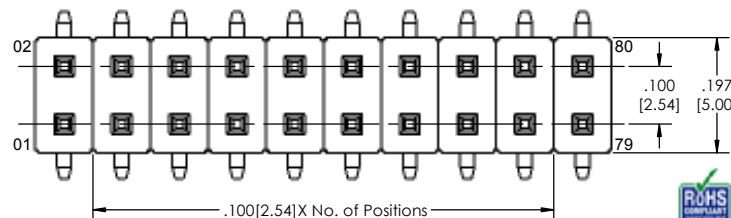
DOUBLE ROW



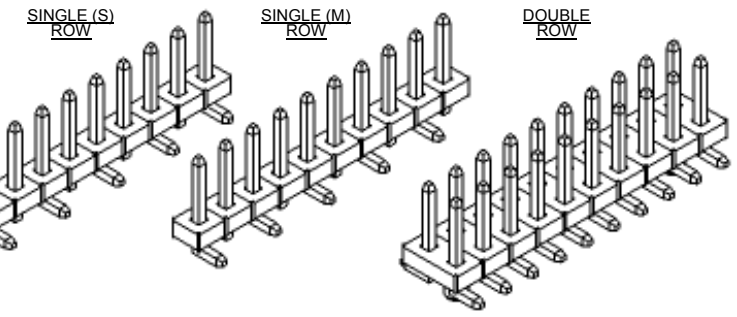
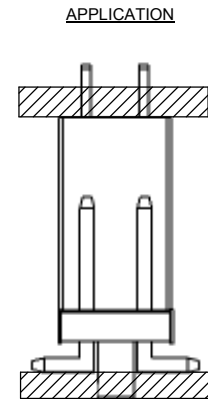
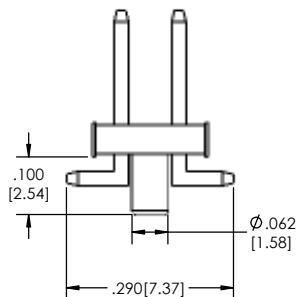
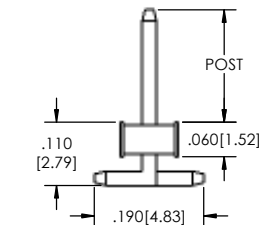
SINGLE (S) ROW



SINGLE (M) ROW



DOUBLE ROW



ULTSHSM-1 **XX** - **X** - **XX** - **XX** - **X** - **XXX** - **X** - **XX** - **X** - **XX** - **LF**
(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K)

- A. Pins Per Row
- 1 through 40
B. Row Specification
- S= Single
- D= Double
C. Pin Options
- See Pin Options below
D. Plating Options
- See Plating Options below
E. Direction
- V= Vertical
F. Polarized Position
- Leave blank if not needed
- If required, specify empty pin position
- e.g. 012 for Pin 12
G. Footprint
- S= pin 1 left
- M= pin 1 right
H. Packing Information
- TR= Tape and Reel
- TB= Tube
I. Pad
- P= Plastic
- O= No Pad
- If left blank, packaging at MLE's discretion
- Pad may be metal, mylar or plastic
J. Alignment Pin Option
- Leave blank if not needed
- AP= With
K. Lead Free

Mates with:
BCSS.
BSSH.
BSSHC.
BSSQ.
BSSQC.
BSSQM.
LBCSS.
LSMBC.
LSWSS.
SMBC.
SSHQ.
SSHQR.
SSHR.
SSHS.
SSHSM.

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:
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 60 secs.
Wave: 260°C up to 6 secs.
Reflow: 260°C up to 10 secs.
Manual Solder: 350°C up to 5 secs.

Pin Options	
Post Height	
.120	3.05mm 01
.140	3.56mm 02
.175	4.45mm 03
.270	6.86mm 06

Materials:
Contact Material: Phosphor Bronze
Insulator Material: Nylon 6T
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.

UNLESS OTHERWISE SPECIFIED:		NAME		DATE
DRAWN		EOW	01/14/14	
CHECKED		GWE	01/14/14	
ENG APPR.				
MFG APPR.				
INTERPRET GEOMETRIC TOLERANCING PER:		ADDRESS:		
MATERIAL		2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mllectronics.com		
NEXT ASSY		USED ON		FINISH
APPLICATION		DO NOT SCALE DRAWING		
DIMENSIONS ARE IN INCHES		TOLERANCES:		
ONE DECIMALS ±.100		TWO DECIMAL ±.005		
THREE DECIMAL ±.002		FOUR DECIMAL ±.002		
TITLE: ULTSHSM-1 SERIES		SIZE DWG. NO.		REV B
SCALE 6:1		SHEET 1 OF 1		



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