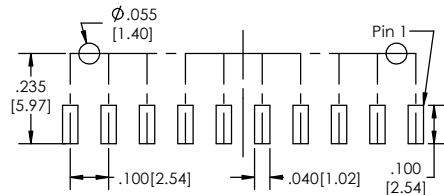
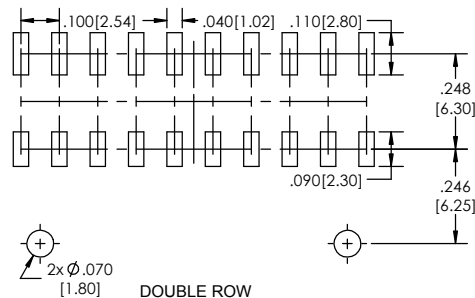


Recommended P.C. Board Layout SCALE 4:1

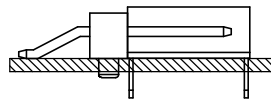


SINGLE ROW

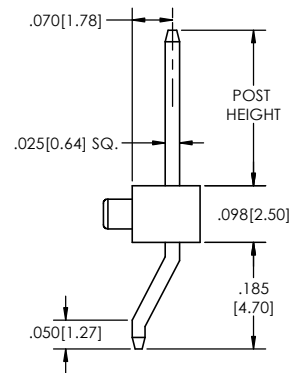


DOUBLE ROW

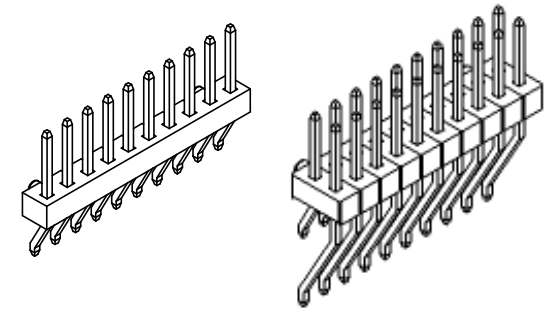
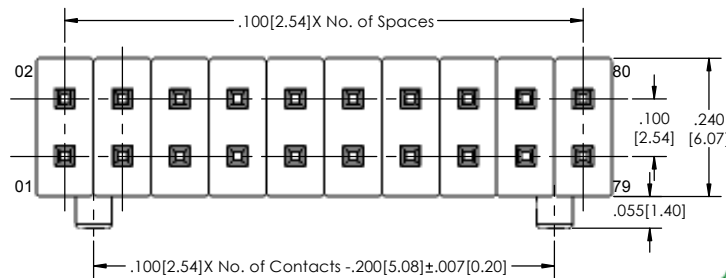
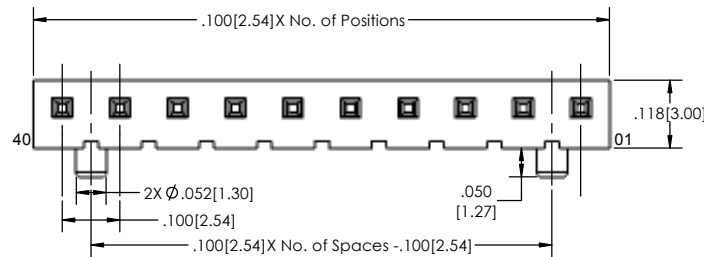
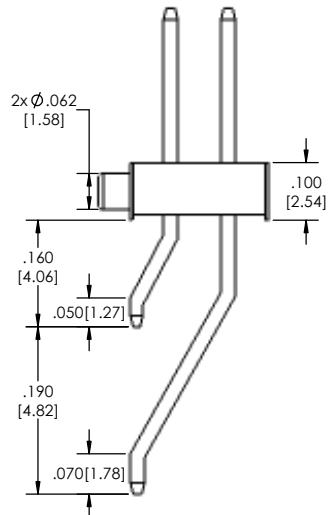
APPLICATION



SINGLE ROW



DOUBLE ROW



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

- A. Pins Per Row
 - 1 through 50
- B. Row Specification
 - S= Single Row
 - D= Double Row
- C. Desired Post Height
 - Not to Exceed Max. Post in Pin Option Table
- D. Pin Options
 - See Pin Options below
- E. Plating Options
 - See Plating Options below
- F. H= Horizontal
- G. Polarized Position
 - Leave blank if not needed
 - If required, specify empty pin position
 - e.g. 012 for Pin 12
- H. Packing Information
 - TR= Tape and Reel
 - TB= Tube
- I. Pad
 - P= Plastic
 - K= Kapton
 - O= No Pad
 - If left blank, packaging at MLE's discretion
 - Pad may be metal, mylar or plastic
- J. Alignment Pin
 - AP= With
- K. Lead Free

Mates with:

BCSS.
BSSH.
BSSHC.
BSSQ.
BSSQC.
BSSQM.
LBSS.
LSMBC.
LSWSS.
SMBC.
SSHQ.
SSHQR.
SSHR.
SSHS.
SSHS.

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

Pin Options		
Max. Post Height		
.120	3.05mm	01
.230	5.84mm	02
.320	8.12mm	04
.420	10.67mm	06
.530	13.46mm	08
.630	16.00mm	10
.730	18.54mm	12
.830	21.08mm	14
.930	23.62mm	16

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.

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
DIMENSIONS ARE IN INCHES		DRAWN	EOW 02/23/15
TOLERANCES:		CHECKED	GWE 02/23/15
ONE DECIMALS ±.100		ENG APPR.	
TWO DECIMAL ±.010		MFG APPR.	
THREE DECIMAL ±.005		ADDRESS:	
FOUR DECIMAL ±.002		2533 Centennial Blvd.	
NEXT ASSY USED ON		Jeffersonville, IN 47130	
APPLICATION		Phone: 812-670-4174	
DO NOT SCALE DRAWING		Fax: 812-670-4175	
		E-Mail: mle@mlerlectronics.com	
		TITLE: TSHSCM-1-H SERIES	
		SIZE DWG. NO.	
		C	
		REV B	
		SCALE 6:1	
		SHEET 1 OF 1	



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