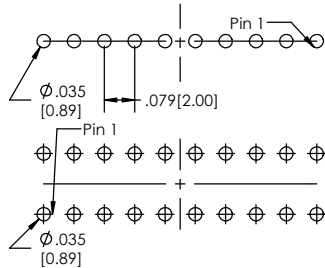
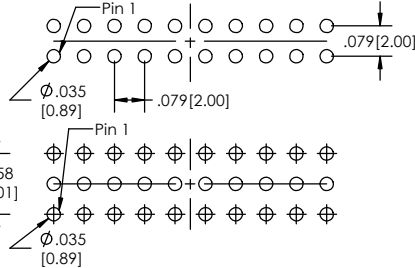


Recommended P.C. Board Layout
SCALE 4:1

SINGLE ROW

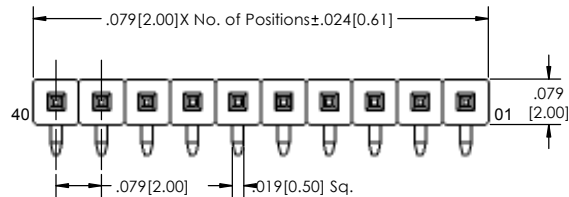
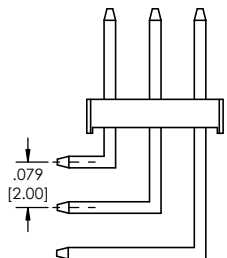
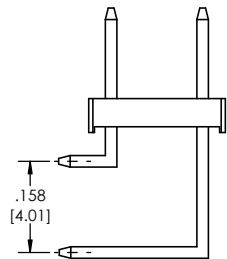
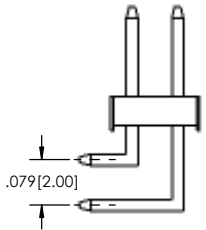
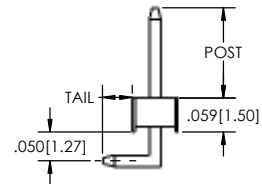


DOUBLE ROW

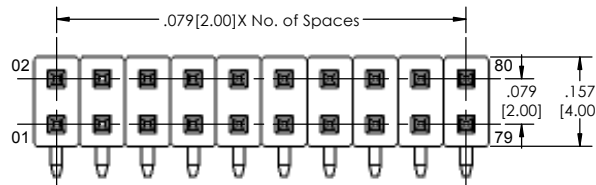


JUMP MIDDLE ROW

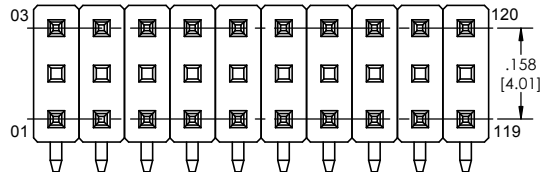
TRIPLE ROW



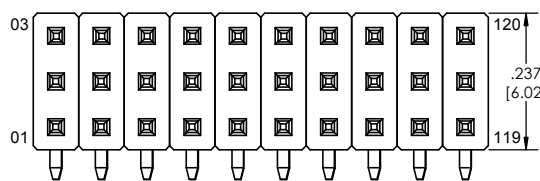
SINGLE ROW



DOUBLE ROW

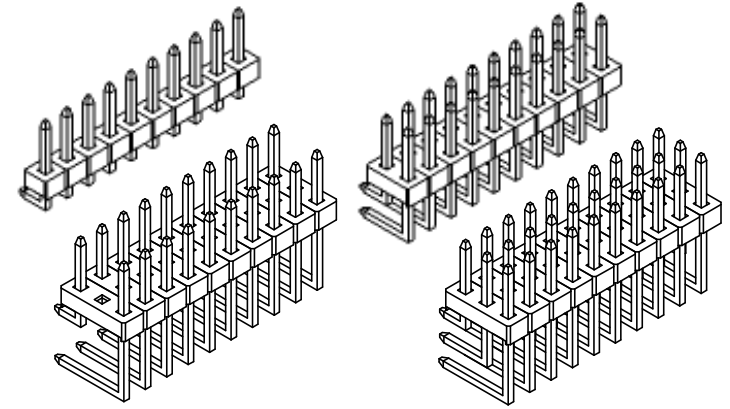
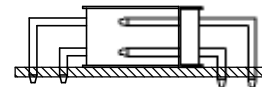


JUMP MIDDLE ROW



TRIPLE ROW

APPLICATION



TSHCR-2 [XX] - [X] - [XXX] - [XX] - [XXX] - [XX] - [XX] - [XXX] - LF
(A) (B) (C) (D) (E) (F) (G) (H) (I)

- A. Pins Per Row**
- 1 through 40
- B. Row Specification**
- S= Single Row
- D= Double Row
- J= Jump Middle Row
- T= Triple Row
- C. Detailed Tail Length**
- If Tail is not specified then:
Tail(T) = Overall Length(L) - Post(P) - .130 [3.30]
- D. Pin Options**
- See Pin Options below
- E. Desired Post Height**
- Please specify
- e.g. .100 [2.54] = 100
- F. Plating Options**
- See Plating Options below
- G. Lock Tight "LT" (Optional)**
- Leave blank if not needed
- LT= With
- H. Polarized Position**
- Leave blank if not needed
- If required, specify empty pin position
- e.g. 012 for Pin 12
- 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:
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 20 secs.
Process: 230°C up to 60 secs.
Wave: 260°C up to 6 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

Pin Options	
Overall Length	Max. Post Height
.377 [9.58mm]	.157 [3.99mm] 01
.397 [10.08mm]	.177 [4.49mm] 02
.417 [10.59mm]	.197 [5.00mm] 04
.456 [11.58mm]	.236 [5.99mm] 05
.555 [14.10mm]	.335 [8.51mm] 06
.575 [14.61mm]	.355 [9.02mm] 08
.594 [15.09mm]	.374 [9.50mm] 10

Post + Tail + .130 [3.30] must not exceed Overall Length

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

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		DRAWN	EOW	02/05/14	
TOLERANCES:		CHECKED	GWE	02/05/14	
ONE DECIMAL ±.100		ENG APPR.			
TWO DECIMAL ±.010		MFG APPR.			
THREE DECIMAL ±.005		ADDRESS:		2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mllelectronics.com	
FOUR DECIMAL ±.002		FINISH		TITLE: TSHCR-2 SERIES	
NEXT ASSY	USED ON	DO NOT SCALE DRAWING		SIZE	DWG. NO.
				C	B
				SCALE: 6:1	SHEET 1 OF 1