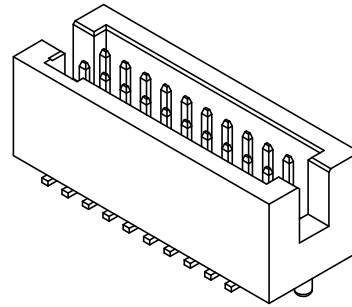
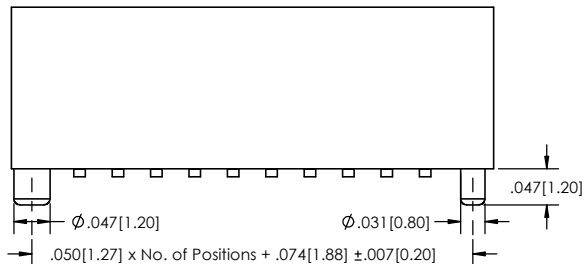
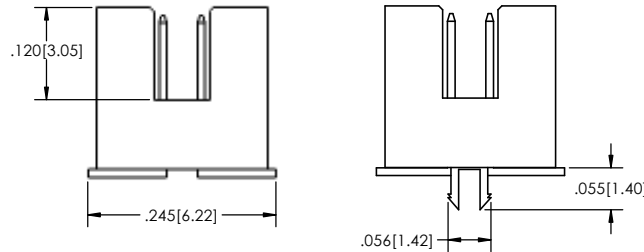


**Alignment Pin Option (-AP)**

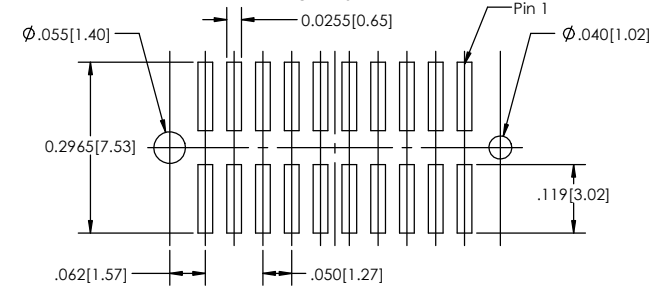


**Locking Clip Option (-C)**



**Recommended P.C. Board Layout**

SCALE 6:1



PTSHSM-5 [XX] - [D] - [XX] - [XX] - [XX] - [X] - [XX] - [X] - [LF]  
 (A) (B) (C) (D) (E) (F) (G) (H) (I)

- A. Pins Per Row
  - 5 through 40
- B. Row Specification
  - D= Dual Row
- C. Pin Options
  - See Pin Options below
- D. Plating Options
  - See Plating Options below
- E. Alignment Pin
  - Leave blank if not needed
  - AP= With
- F. Locking Clip
  - Leave blank if not needed
  - C= With
- G. Packing Information
  - TR= Tape and Reel
  - TB= Tube
- H. Pad
  - P= Plastic
  - O= No Pad
  - If left blank, packaging at MLE's discretion
  - Pad may be metal, mylar or plastic
- I. Lead Free

Mates with:  
PSSHS  
PSSHSM

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	
Body Height	
.224	5.70mm 02
.287	7.30mm 06
.354	9.00mm 10
.433	11.00mm 14

**Specifications:**  
 Current Rating: 1.0 Ampere  
 Insulation Resistance: 1000M Ohms Min.  
 Dielectric Withstanding: 300V 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.

**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.



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UNLESS OTHERWISE SPECIFIED:		NAME		DATE	
DIMENSIONS ARE IN INCHES		DRAWN	EW	05/05/16	
TOLERANCES:		CHECKED	GWE	05/05/16	
ONE DECIMALS ±.100		ENG APPR.			
TWO DECIMAL ±.010		MFG APPR.			
THREE DECIMAL ±.002		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: PTSHSM-5 SERIES		REV	
		SIZE DWG. NO.		E	
		SCALE 8:1		SHEET 1 OF 1	

