

Technical drawing of a mechanical part. The drawing shows a cross-section of a component with a central vertical slot. The dimensions are as follows:

- Overall width: $.056[1.42]$
- Overall height: $.055[1.40]$

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

Mates with:
PSSHS
PSSHSM

Plating options	
G	-10 μ Gold on Contact Area/ Flash on Tail
T	-Matte Tin all Over
GT	-10 μ Gold on Contact Area/ Matte Tin on Tail
H	-30 μ 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	0
.287	7.30mm	0
.354	9.00mm	1
.433	11.00mm	1


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 TOLERANCES: ONE DECIMALS ±.100 TWO DECIMAL ±.005 THREE DECIMAL ±.005 FOUR DECIMAL ±.002		DRAWN		EOW 05/05/16			
		CHECKED		GWE 05/05/16			
		ENG APPR.					
		MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:		ADDRESS:		TITLE: PTSHSM-5 SERIES	
		MATERIAL		2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175		SIZE C	
NEXT ASSY		USED ON		E-Mail: mls@melectronics.com		DWG. NO. REV C	
APPLICATION		DO NOT SCALE DRAWING				SCALE 8:1	
						SHEET 1 OF 1	