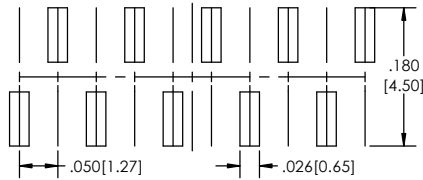
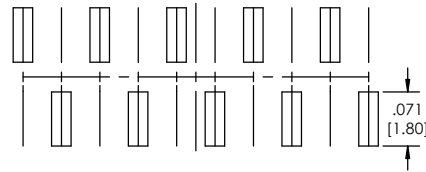


Recommended P.C. Board Layout

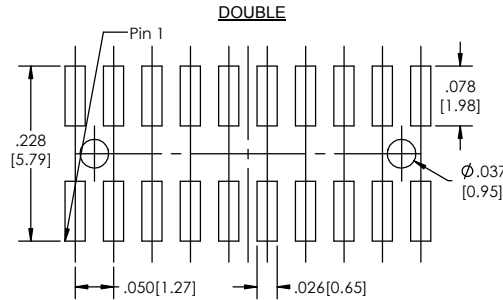
SCALE 8:1



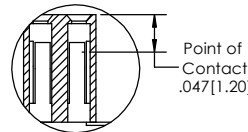
SINGLE (S)



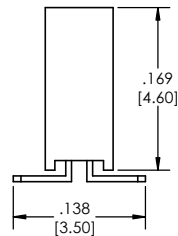
SINGLE (M)



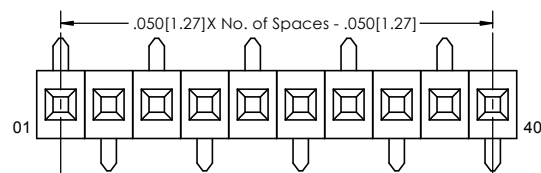
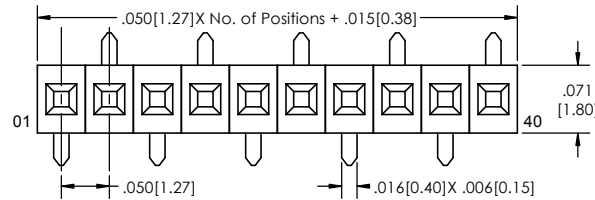
DOUBLE



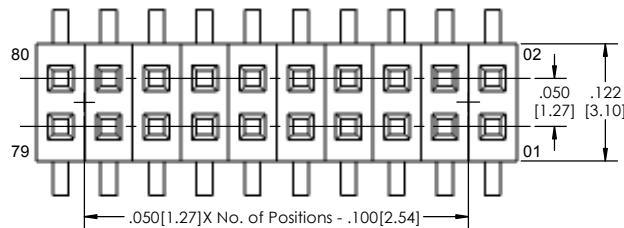
Point of Contact
.047 [1.20]



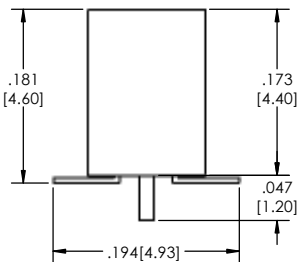
Single (S)



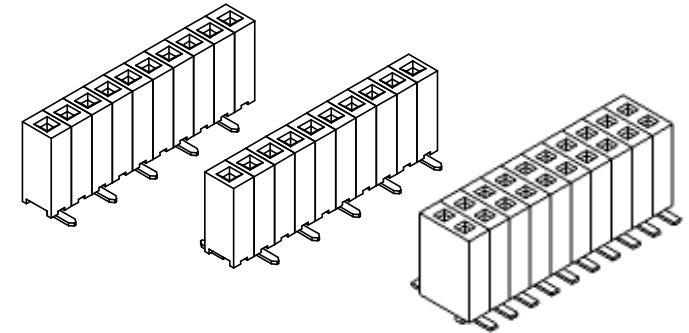
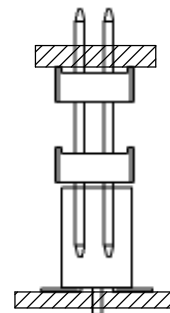
Single (M)



Double



APPLICATION



SMSS-5 **XX** - **D** - **06** - **XX** - **X** - **XXX** - **XX** - **X** - **XX** - **LF**
(A) (B) (C) (D) (E) (F) (G) (H) (I) (J)

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

Mates with:
BSTC
BSTCM
BSTS
TBSTC
TBSTCM
TBSTS
TSHC
TSHS
TSHSCM
TTSHC
TTSHR
TTSHS
TTSHSM

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: 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
DRAWN		EOW		01/21/15
CHECKED		GWE		01/21/15
ENG APPR.				
MFG APPR.				
INTERPRET GEOMETRIC TOLERANCING PER:		ADDRESS:		
MATERIAL:		2533 Centennial Blvd.		
NEXT ASSY		Jeffersonville, IN 47130		
USED ON:		Phone: 812-670-4174		
APPLICATION		Fax: 812-670-4175		
DO NOT SCALE DRAWING		E-Mail: mle@mlerlectronics.com		
DIMENSIONS ARE IN INCHES		TITLE: SMSS-5 SERIES		
TOLERANCES:		SIZE DWG. NO.		
ONE DECIMAL ±.100		C		
TWO DECIMAL ±.010		REV		
THREE DECIMAL ±.005		D		
FOUR DECIMAL ±.002		SCALE 10:1		
		SHEET 1 OF 1		

