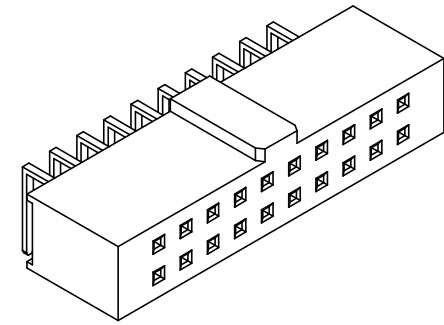
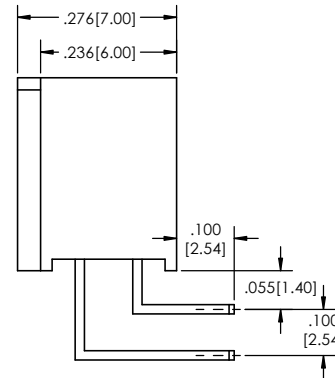
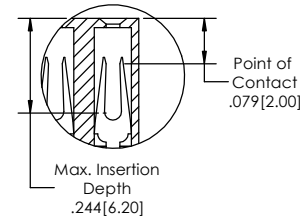
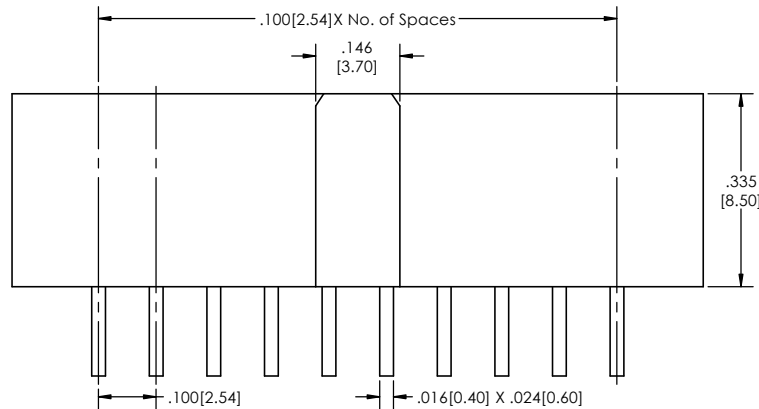
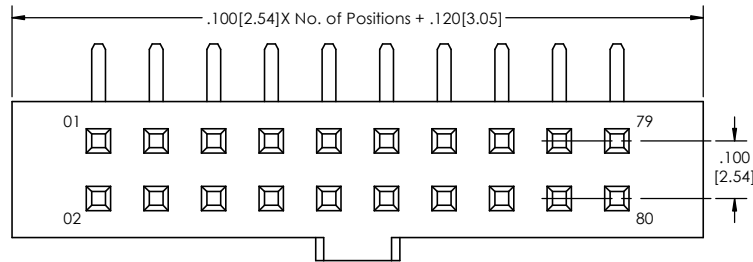
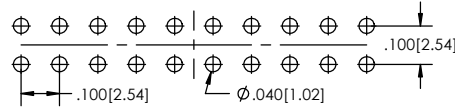


Recommended P.C. Board Layout  
SCALE 4:1



SSHR-1 [XX] - [D] - [P] - [XX] - [XX] - [XX] - [XX] - [LF]  
(A) (B) (C) (D) (E) (F) (G) (H)

- A. Pins Per Row  
- 1 through 40
- B. Row Specification  
- D= Double Row
- C. Polarization Key
- D. Pin Options  
- See Pin Options below
- E. Plating Options  
- See Plating Options below
- F. Lock Tight "LT" Optional  
- Leave blank if not needed  
- LT= With
- G. Polarization Position  
- Leave blank if not needed  
- If required, specify empty pin position  
- e.g. 012 for Pin 12
- H. Lead Free
- Notes With:
- |           |           |
|-----------|-----------|
| BSTC-1    | TSHCR-1   |
| BSTCM-1   | TSHCRE-1  |
| BSTCR-1   | TSHCRSM-1 |
| BSTCRSM-1 | TSHR-1    |
| BSTS-1    | TSHRE-1   |
| LBSTCM-1  | TSHS-1    |
| LTSHCR-1  | TSHSCM-1  |
| LTSHCRE-1 | TSHSM-1   |
| LTSHR-1   | ULTSHSM-1 |
| LTSHRE-1  | ULTSHC-1  |
| LTSSHSM-1 | ULTSHCR-1 |
| TSHC-1    |           |

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	
Tail	.100[2.54] .02

Specifications:  
Insertion Depth: .145[3.68] to .250[6.35]  
Insertion Force- Per Contact- H Plating:  
6oz.[1.67N] avg with .025[0.64mm] sq. pin  
Withdrawal Force- Per Contact- H Plating:  
5oz.[1.39N] avg with .025[0.64mm] sq. pin  
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.  
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	03/31/16	
CHECKED	GWE	03/31/16	
ENG APPR.			
MFG APPR.			
ADDRESS:		2533 Centennial Blvd. Jeffersonville, IN 47130 Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com	
DIMENSIONS ARE IN INCHES TOLERANCES: ONE DECIMALS ± .100 TWO DECIMAL ± .005 THREE DECIMAL ± .0005 FOUR DECIMAL ± .0002		TITLE: SSHR-1-P SERIES SIZE: C DWG. NO.: REV: B	
DO NOT SCALE DRAWING		SCALE: 6:1 SHEET 1 OF 1	