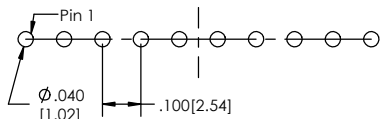
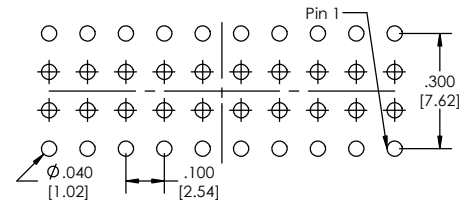
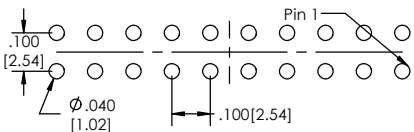
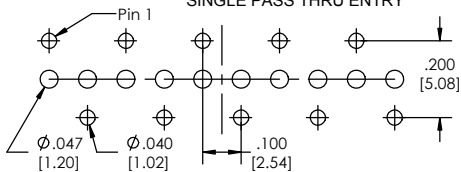


**Recommended P.C. Board Layout**  
SCALE 4:1

**SINGLE TOP ENTRY**



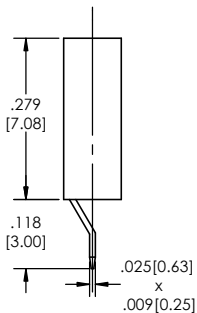
**SINGLE PASS THRU ENTRY**



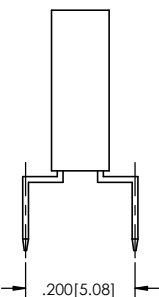
**DOUBLE TOP ENTRY**

**DOUBLE PASS THRU ENTRY**

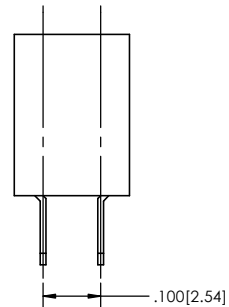
**SINGLE ROW (-02) TOP ENTRY**



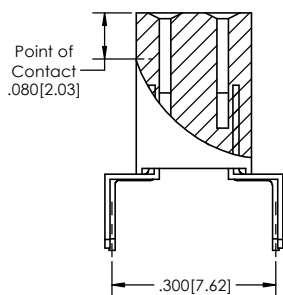
**SINGLE ROW (-06) PASS THRU ENTRY**



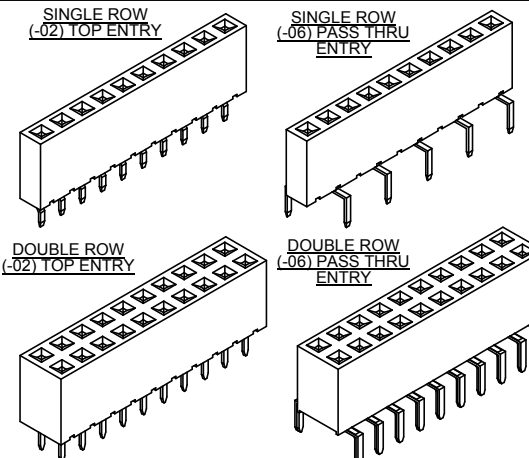
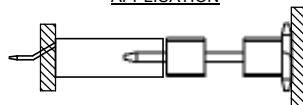
**DOUBLE ROW (-02) TOP ENTRY**



**DOUBLE ROW (-06) PASS THRU ENTRY**



**APPLICATION**



BCSS-1 [XX] - [X] - [XX] - [XX] - [XXX] - [LF]  
(A) (B) (C) (D) (E) (F)

- A. Pins Per Row**  
- 1 through 40
- B. Row Specification**  
- S= Single Row  
- D= Double Row
- C. Pin Options**  
- See Pin Options below
- D. Plating Options**  
- See Plating Options below
- E. Polarized Position**  
- Leave blank if not needed  
- If required, specify empty pin position  
- e.g. 012 for Pin 12
- F. Lead Free**
- Mates With:**  
BSTC TSHCR  
BSTCM TSHCRE  
BSTCR TSHCRSM  
BSTCRSM TSHR  
BSTS TSHRE  
LBSTCM TSHS  
LTSHCR TSHSCM  
LTSHCRE TSHSM  
LTSHR ULTSHSM  
LTSHRE ULTSHC  
LTSHSM ULTHSCR  
TSHC

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

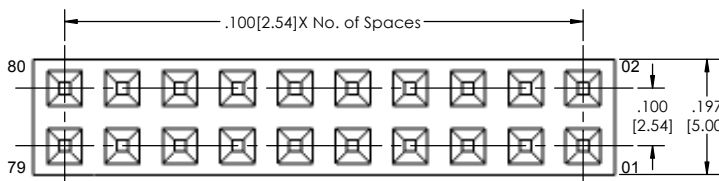
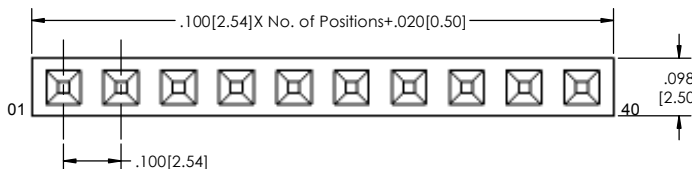
**Specifications:**  
Insertion Depth: .145[3.68] to .250[6.35]  
Insertion Force- Per Contact- H Plating:  
5oz [1.39N] avg with .025[0.64mm] Sq. pin  
Withdrawal Force- Per Contact- H Plating:  
3oz [0.83N] avg with .025[0.64mm] Sq. pin  
Current Rating: 3.0 Ampere  
Insulation Resistance: 1000M Ohms 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 10 secs.  
Process: 230°C up to 60 secs.  
Wave: 260°C up to 6 secs.  
Manual Solder: 350°C up to 5 secs.

Pin Options	
Top Entry	02
Pass Thru Entry	06

**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 uncancelable/ nonreturnable.  
Parts are subject to change without notice.



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UNLESS OTHERWISE SPECIFIED:		DRAWN: EOW		NAME: DATE:	
DIMENSIONS ARE IN INCHES		CHECKED: GWE		02/20/15	
TOLERANCES:		ENG APPR:			
ONE DECIMALS ±.100		MFG APPR:			
TWO DECIMAL ±.100		ADDRESS:		2533 Centennial Blvd.	
THREE DECIMAL ±.005		MATERIAL:		Jeffersonville, IN 47130	
FOUR DECIMAL ±.002		FINISH:		Phone: 812-670-4174	
NEXT ASSY USED ON:		DO NOT SCALE DRAWING		Fax: 812-670-4175	
				E-Mail: mle@mlelectronics.com	
				TITLE: BCSS-1-V Series	
				SIZE DWG. NO. C	
				REV B	
				SCALE 6:1	
				SHEET 1 OF 1	