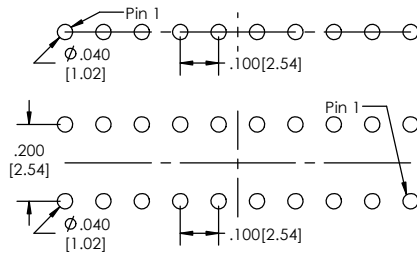


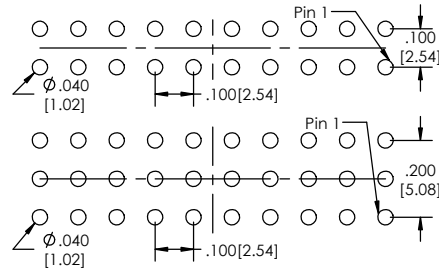
Recommended P.C. Board Layout
SCALE 4:1

SINGLE ROW



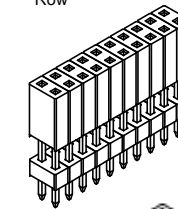
JUMP MIDDLE ROW

DOUBLE ROW

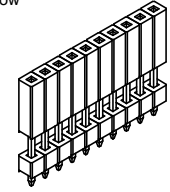


TRIPLE ROW

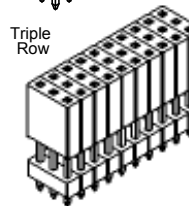
Double Row



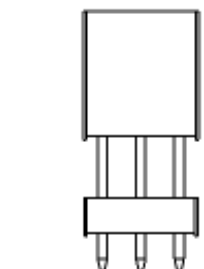
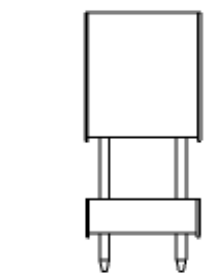
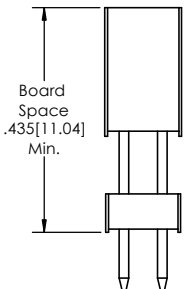
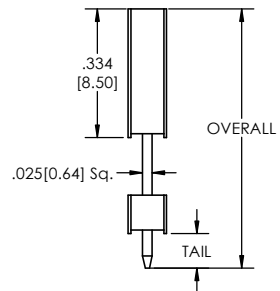
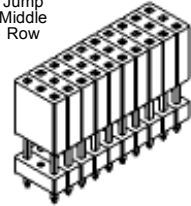
Single Row



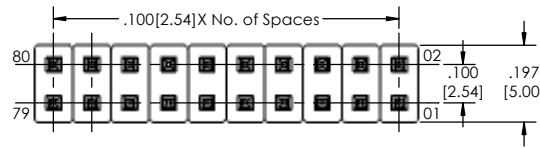
Triple Row



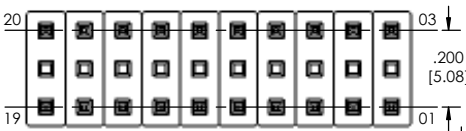
Jump Middle Row



Single Row



Double Row

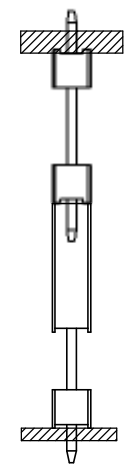


Jump Middle Row



Triple Row

APPLICATION



BSSQC-1 [XX] - [X] - [XXX] - [XX] - [XX] - [XXX] - [XX] - [XXX] - [LF]
(A) (B) (C) (D) (E) (F) (G) (H) (I)

- A. Pins Per Row
 - 1 through 40
- B. Row Specification
 - S= Single Row
 - D= Double Row
 - J= Jump Middle Row
 - T= Triple Row
- C. Custom Tail Length
 - Please Specify
 - e.g. 100 [2.54]=100
 - If left blank: Overall Length(L) - Board Space(B) = Tail Length(T)
- D. Pin Options
 - See Pin Options Below
- E. Plating Options
 - See Plating Options Below
- F. Desired Board Space
 - Please Specify
 - e.g. 435 [11.04]= 435
- G. Lock Tight "LT" (Optional)
 - Leave Blank if not needed
 - LT= With
- H. Polarized Position
 - Leave Blank if not needed
 - If required, specify empty pin position, e.g. 012 for Pin 12
- I. Lead Free

Specifications:
Insertion Depth: .145(3.68mm) to .250(6.35mm)
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.

Mates with:

BSTC	TSHCR
BSTCM	TSHCRE
BSTCR	TSHCRSM
BSTCRSM	TSHR
BSTS	TSHRE
LBSTCM	TSHS
LTSHCR	TSHSCM
LTSHCRE	TSHSCRM
LTSHR	ULTSHSM
LTSHRE	ULTSHC
LTSHSM	ULTHSCR
TSHC	

Pin options				
Maximum Tail Lg.	Overall Length			
.090	2.29mm	.525	13.34mm	06
.290	7.37mm	.725	18.42mm	08
.490	12.47mm	.925	23.50mm	10

Post + Board Space + Tail must not exceed Overall Length

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	



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UNLESS OTHERWISE SPECIFIED:		NAME		DATE	
DIMENSIONS ARE IN INCHES		DRAWN		EOW	
TOLERANCES:		CHECKED		GWE	
ONE DECIMALS ±.100		ENG APPR.			
TWO DECIMAL ±.010		MFG APPR.			
THREE DECIMAL ±.005		ADDRESS:		2533 Centennial Blvd. Jeffersonville, IN 47130	
FOUR DECIMAL ±.002		FINISH		Phone: 812-670-4174 Fax: 812-670-4175 E-Mail: mle@mlelectronics.com	
NEXT ASSY		USED ON		TITLE: BSSQC-1 Series	
APPLICATION		DO NOT SCALE DRAWING		SIZE DWG. NO.	
				REV C	
				SCALE: 4:1	
				SHEET 1 OF 1	

