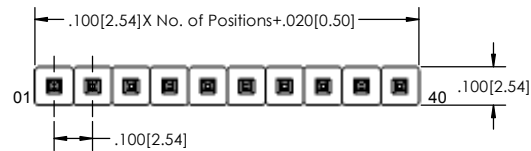
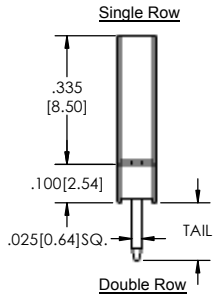
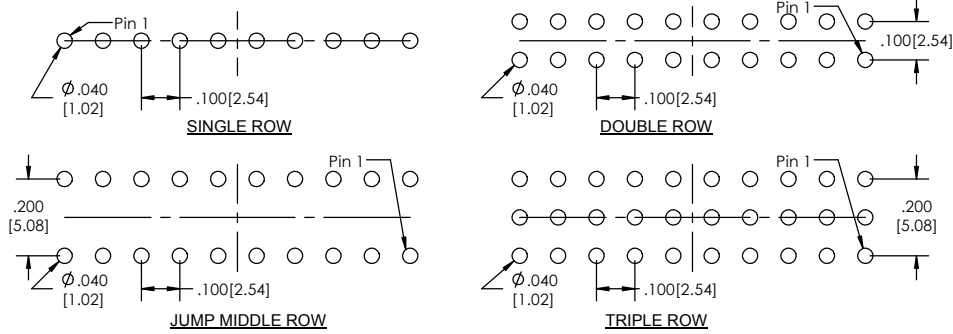
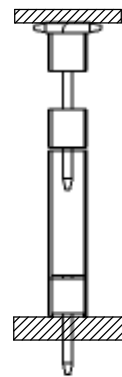


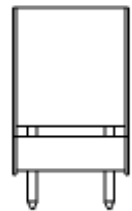
Recommended P.C. Board Layout SCALE 4:1



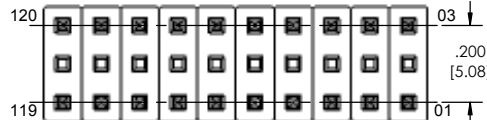
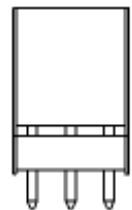
APPLICATION



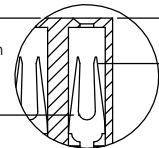
Jump Middle Row



Triple Row



Max. Insertion
Depth
.250 [6.35]



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Major League Electronics IS
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BSSQ-1 **XX** - **X** - **XX** - **XX** - **XX** - **XXX** - **LF**
(A) (B) (C) (D) (E) (F) (G)

- A. Pins Per Row
- 1 through 40
- B. Row Specification
- S= Single Row
- D= Double Row
- J= Jump Middle Row
- T= Triple Row
- C. Pin Options
- See Pin Options Below
- D. Plating Options
- See Plating Options Below
- E. Lock Tight "LT" (Optional)
- Leave Blank if not needed
- LT= With
- F. Polarized Position
- Leave Blank if not needed
- If Required, Specify Empty Pin Position
- e.g. 012 for Pin 12
- G. 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.

UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES	
TOLERANCES:	
ONE DECIMAL ±.100	
TWO DECIMAL ±.005	
FOUR DECIMAL ±.002	
NEXT ASSY	USED ON
APPLICATION	DO NOT SCALE DRAWING

Pin Options			
Tail Length	Body Height		
0.090 2.29mm			02
0.290 7.37mm			04
0.490 12.47mm	0.435	11.05mm	06
0.190 4.83mm			08
0.390 9.91mm	0.535	13.59mm	10
0.090 2.29mm			12
0.290 7.37mm	0.635	16.13mm	14
0.190 4.83mm	0.735	18.67mm	16

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

Mates With:

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

NAME DATE
DRAWN EOW 01/20/15
CHECKED GWE 01/20/15
ENG APPR.
MFG APPR.
ADDRESS:
2533 Centennial Blvd.
Jeffersonville, IN 47130
Phone: 812-670-4174
Fax: 812-670-4175
E-Mail: mle@mllelectronics.com



TITLE: BSSQ-1 Series
SIZE DWG. NO. REV
C C
SCALE: 4:1 SHEET 1 OF 1