



APPLICATION

Recommended P.C. Board Layout
SCALE 8:1

LTSHRE-1 XX - S - XX - XX - XX - XXX - X - LF
(A) (B) (C) (D) (E) (F) (G) (H)

- A. Pins Per Row
- 1 through 50
- B. Row Specification
- S= Single 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. Every Other Pin Filled (.200 Centers)
- Leave blank if not needed
- E= Filled
- H. Lead Free
- Mates with:
BCSS.
BSSH.
BSSHC.
BSSQ.
BSSQC.
BSSQM.
LBCSS.
LSMBC.
LSWSS.
SMBC.
SSHQ.
SSHQR.
SSHR.
SSHS.
SSHSM.

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: 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

Pin Options		
Post	Tail	
.110[2.79]	.130[3.30mm]	14
	.230[5.84mm]	16
	.330[8.38mm]	20
	.430[10.92mm]	22
	.530[13.46mm]	24
	.630[16.00mm]	26
	.730[18.54mm]	28
	.830[21.08mm]	30
.110[2.79]	.930[23.62mm]	32
	1.030[26.16mm]	34
	1.130[28.70mm]	36

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:	
DIMENSIONS ARE IN INCHES	
TOLERANCES:	
ONE DECIMALS ±.100	
TWO DECIMAL ±.010	
THREE DECIMAL ±.005	
FOUR DECIMAL ±.002	
NEXT ASSY	USED ON
APPLICATION	DO NOT SCALE DRAWING

NAME	DATE
DRAWN: EOW	01/16/14
CHECKED: GWE	01/16/14
ENG APPR:	
MFG APPR:	
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MAJOR LEAGUE Electronics		
TITLE: LTSHRE-1 SERIES		
SIZE: C	DWG. NO.	REV B
SCALE 8:1	SHEET 1 OF 1	