

DATE	REVISIONS	REV
7-10-98	E.C.N. #10BRDR. & REDRAWN./	A

DRAWING NUMBER	REV
SSB-LX620SRD-RP	A

ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C I _f =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.7	2.2	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY		70		mcd	I _f =20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10μS

RELIABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

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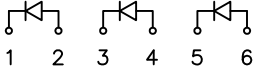
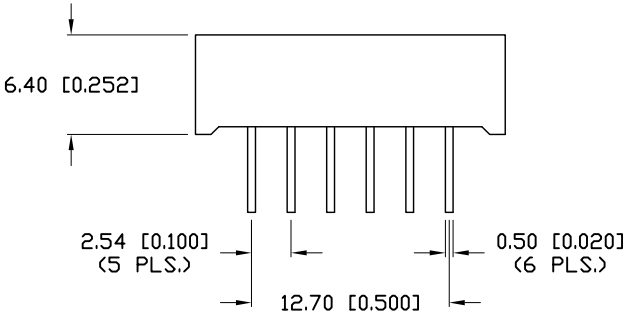
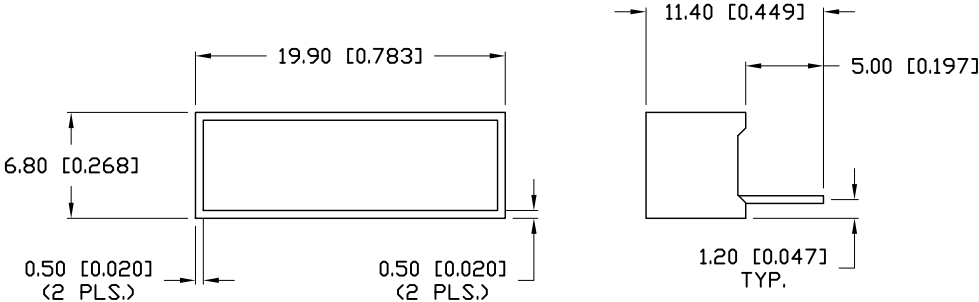
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DATE: 10-4-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

6mm x 20mm, 3 CHIP LIGHT BAR, SUPER RED,
RED DIFFUSED, REVERSE POLARITY.

PAGE 1 OF 1	DRAWING NUMBER SSB-LX620SRD-RP	REV A
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UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

DU/Bc