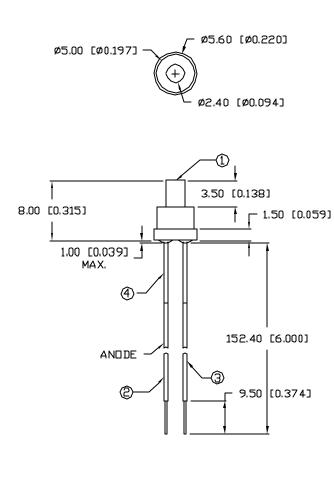
UNCONTROLLED DOCUMENT



part number SSI-LX20583HGWFT15

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C I f=20			mA		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
	565 (GREEN)			nm	
FORWARD VOLTAGE (R/G)		2.1/2.2	2.5/2.6	۷f	
REVERSE VOLTAGE	5.0			۷r	Aبر100 = ۲
AXIAL INTENSITY (R/G)		2/5		mcd	lf=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR: RED,	/GREEN	l			
EPOXY LENS FINISH: MILK	Y WHIT	e diffused			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	Wm
DERATE FROM 25°C	- 1.2	m₩/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85)
SOLDERING TEMP.	+ 260)
2.0mm FROM BODY		3 SEC. MAX
* t<10هرS		

NOTES:

1. SSL-LX20583HGW-FT LED, CUT LEADS TO 5mm.

- 2. RED ANODE LEAD: LXP-WST24RDTOC, CUT 153mm, STRIP 3.0mm & 9.5mm.
- 3. GREEN ANODE LEAD: LXP-WST24BLTOC, CUT 153mm, STRIP 3.0mm & 9.5mm.
- 4. HEATSHRINK: LXP-HEATSHRINK-2, 13mm LONG (2 PCS.).
- 5. CRIMP OR SOLDER LEADS TO LED LEADS.

*UNLESS OTHERWISE SPECIFED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.020), LEAD SIZE=±0.05 (±0.020), LEAD SIZE=±0.05 (±0.020), NN=+DECIMAL PRECISION NAX=+0.000						
part number SSI—I X20583HGWFT15	<u>CONFIDENTIAL INFORMATION</u> THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WIRTING BY LUMEX. INC. THE HOTOFE OF THIS DOCUMENT SHALL KEEP ALL INFORMATION		290 E. HELEN ROAD PALATINE, IL 60067–6976 PHONE: +1.847.359.2790			

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	T-2 700nm RED/565nm GREEN STOVEPIPE LED, MILKY WHITE DIFFUSED LENS, FLAT TOP.	UN PART FROM DISCUSSER INVOLVENT IN ALL THREE FARMES. Reliability note GUR NANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FALURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.	DRAWN BY:		APPROVED BY:	DATE: 1 PAGE: 1	0.6.05 I OF 1 N/A

REV.

Mouser Electronics

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