



- NOTES:
1. SSL-LX509F3SPG0, SUPER PURE GREEN LED.
  2. SSL-LX509F35ID, SUPER HIGH INTENSITY RED LED.
  3. SSH-LXH250, BLACK HOLDER.

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		562 (GREEN) 636 (RED)		nm	
FORWARD VOLTAGE (G/R)		2.2/2.2	2.6/2.5	Vf	If=100µA
REVERSE VOLTAGE		5.0		Vr	If=20mA
AXIAL INTENSITY (G/R)		30/80		mod	
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		GREEN/RED			
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR					

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(G/R)	150	mA
STEADY CURRENT		25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

\* I<10µs

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.030), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), UN= ±0.001 MAX.= ±0.010 DECIMAL PRECISION

CONFIDENTIAL INFORMATION  
PART NUMBER  
SSF-LXH250SPG5ID

REV.  
T-5mm (T-1 3/4) LED RIGHT ANGLE FAULT INDICATOR,  
POS. 1: 562nm SUPER PURE GREEN LED, GREEN DIFFUSED,  
POS. 2: 636nm SUPER INTENSITY RED LED, RED DIFFUSED.

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



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