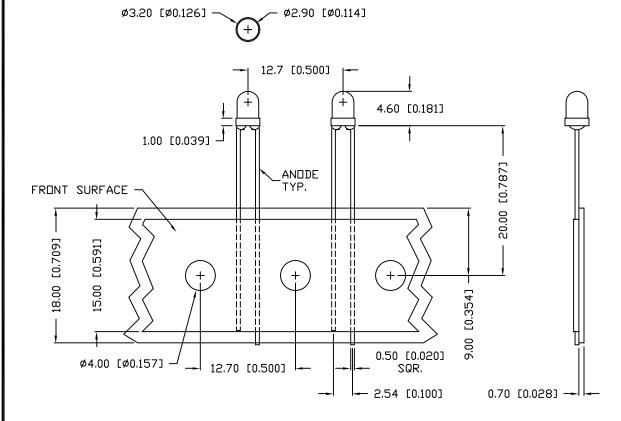
SSL-LX3044ID-TR



ELECTRO-OPTICAL CH	$I_f = 20 \text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	v_f	
REVERSE VOLTAGE	5.0			v_r	I _r =100μΑ
AXIAL INTENSITY		50		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFF	FUSED			

PTIMIT	٥F	SAFF	OPERATION	ΔΤ	25°C	PFR	DIF
LIMILO	VI.	거니	OFLIVATION	Αı	200		UIL

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.6	m W/ *C
OPERATING, STORAGE TEMP.	-40 TO +85	•C
SOLDERING TEMP.	+ 260	•C
2.0mm FROM BODY		3 SEC. MAX

^{*} t<10µS

NOTES:

1. 2K PER REEL.

TAPE FEED DIRECTION -

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= +DECIMAL PRECISION MAX.= +0.00 OF COMMAL PRECISION

REV. PART NUMBER SSL-LX3044ID-TR

> T-3 (T-1) LED 635nm RED LED, RED DIFFUSED LENS, TAPE AND REEL.

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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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