



NOTES:

1. SSL-LX3044ID, RED LED. (8 PCS.)
2. SSH-LXH42103, HOLDER.
3. PARTS ARE TO BE SUPPLIED IN TUBES.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

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	$I_f=100\mu\text{A}$
AXIAL INTENSITY		30		mcad	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$

*TOLERANCES PER DECIMAL PRECISION ARE: X= ± 1 (± 0.039), X,X= ± 0.5 (± 0.020), X,X,X= ± 0.25 (± 0.010). LEAD LENGTH= ± 0.75 (± 0.030), MIN= $\frac{+0.01}{-0.00}$ DECIMAL PRECISION, MAX= $\frac{+0.01}{-0.00}$ DECIMAL PRECISION

REV.

PART NUMBER

SSF-LXH42103ID

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR, 8 LEDs,
EIGHT 635nm RED LEDs, RED DIFFUSED LENS.

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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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PAGE: 1 OF 1
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