



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	$I_r=10\mu\text{A}$
AXIAL INTENSITY		5		mcd	$I_f=20\text{mA}$
VIEWING ANGLE:		110		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	GREEN-DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP.

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (G/O)	25	mA
POWER DISSIPATION	70	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

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

NOTES:

1. SSL-LX25830D, LED. (5 PCS.)
2. SSH-LXH525, HOLDER.
3. BACKFILL BOTTOM OF HOLDER WITH U.V. GLUE TO SECURE LEADS.

*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.= $^{+0.00}_{-0.00}$ DECIMAL PRECISION MAX.= $^{+0.00}_{-0.00}$ DECIMAL PRECISION



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1.8mm X 5.3mm 5 UNIT LED ARRAY, 10mm LEADS, 565nm GREEN LEDS, GREEN DIFFUSED LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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PAGE:	1 OF 1	CHKD BY:	DT
SCALE:	NTS	APRVD BY:	DT
UNIT:	mm [INCH]		

