



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$				
PARAMETER	GREEN	ORANGE	UNITS	TEST COND
PEAK WAVELENGTH	565	630	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	Vf	
FORWARD VOLTAGE (MAX.)	2.6	2.5	Vf	
REVERSE VOLTAGE	5.0	5.0	Vr	$I_f=10\mu\text{A}$
AXIAL INTENSITY	5	5	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	110	110	2x theta	
LED POSITION:	1~4	5		
LENS FINISH:	DIFFUSED SAME AS EMITTED COLOR			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP.		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (C/O)	30/25	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. (4 PCS.)
2. SSL-LX25830D, LED. (1 PC.)
3. 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= <sup>+DECIMAL PRECISION</sup> <sub>-0.00</sub> MAX.= <sup>+0.00</sup> <sub>-DECIMAL PRECISION</sub>

UNCONTROLLED DOCUMENT



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1.8mm X 5.3mm 5 UNIT LED ARRAY, 10mm LEADS, POS.1~4: GREEN, POS.5: ORANGE COLOR 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]		Ⓟ