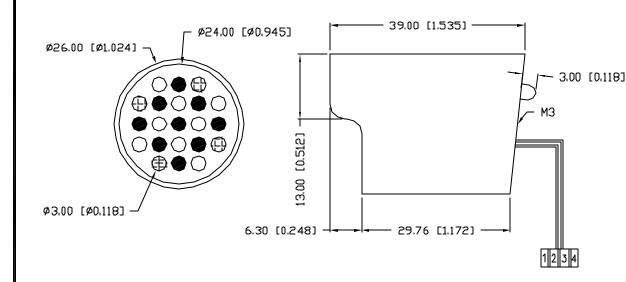
SSP-LXC102821BA



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C			lf=60mA		
PARAMETER (COLORS)	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
		565 (GREEN)		nm	
		430 (BLUE)		nm	
FORWARD VOLTAGE (R)		7 . 2	10.0	۷f	If=20mA
(G)		8.4	10.0	۷f	1f=40mA
(B)		11.5	13.5	۷f	1f=60mA
REVERSE VOLTAGE (R/G/B)	12			٧ _r	I _r =100µA
AXIAL INTENSITY (R/G/B)		1800/1200/300		mcd	If=40mA
VIEWING ANGLE		40		2x theta	
EPOXY LENS FINISH: WATE	R CL	EAR			

LIMITS OF SAFE OPERATION AT 25°C PER DIE

COLORS	MAX	UNITS
(R/G/B)	150/150/100	mA
		m A
(R/G/B)	200/450/900	mW
	-1.2	mW/⁺C
_	-30 TO +60	Ċ
	(R/G/B) (R/G/B) (R/G/B)	(R/G/B) 150/150/100 (R/G/B) 30/25/30 (R/G/B) 200/450/900 -1.2

^{*} t<10µS

4 (WHITE) —	<u> </u>
	→ → → 2 (BLUE)
	
	GREEN)

UNCONTROLLED DOCUMENT

*UNLESS DTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.127 (±0.005). LEAD SIZE=±D.D5 (±0.002), LEAD LENGTH=±0.75 (±0.030). MN= +DECINAL PRECISION WAX.= +0.00 (±0.005). LEAD SIZE=±D.D5 (±0.005).

REV. PART NUMBER SSP-LXC102821BA 1" ROUND CLUSTER, 21 LAMPS WITH 4 PIN CONNECTOR,

RED/GREEN/BLUE LEDS, WATER CLEAR LENS.

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 $\frac{\text{Reliability indte}}{\text{dur many years of experience data accumulation indicate that solder heat is}$ A MAJOR CAUSE OF EARLY AND FUTURE FALURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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