

PART NUMBER

SML-LX12012UWC-WB3

REV.

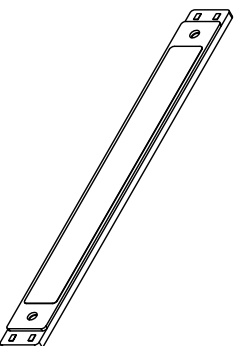
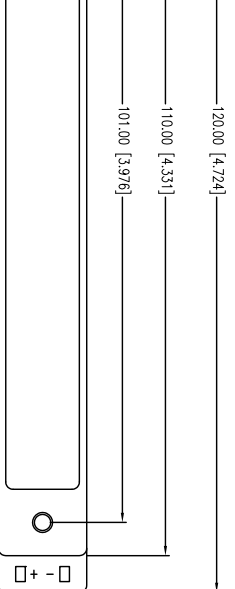
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ELECTRO-OPTICAL CHARACTERISTICS $T_j=25^{\circ}\text{C}$ $I_f=320\text{mA}$

PARAMETER	MIN	TYPE	MAX	UNITS	TEST COND
PEAK WAVELENGTH			-	nm	
FORWARD VOLTAGE			12	Vf	$I_f=100\text{mA}$
REVERSE VOLTAGE	5.0			Vr	$I_f=320\text{mA}$
AXIAL INTENSITY			270	lm	
COLOR TEMP.			6500	K	
VIEWING ANGLE			170	2θ theta	
EMITTED COLOR			COOL WHITE		
LENS FINISH:			WATER CLEAR		

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	1000	mA
STEADY CURRENT	700	mA
LED JUNCTION TEMPERATURE	130	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-20 TO +70	°C
STORAGE TEMP.	-20 TO +70	°C

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

$f=+1$ (± 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= -0.000 PRECISION MAX.= $+0.00$ PRECISION

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3W, WIRELESS BOND LED MODULE, METAL PCB, COOL WHITE.

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

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