

ELECTRO-OPTICAL CHA	ARACTERISTICS	Ta=25*C	If=20mA			
PARAMETER	SYMB0L	MIN	TYP	MAX	UNITS	TEST COND
FORWARD VOLTAGE	Vf		3.1	3.2	Vf	
REVERSE VOTLAGE	Vr	5.0			Vr	Ir=100µA
LUMINOUS FLUX*	lv	19	20.5	21.5	lm	
COLOR TEMPERATURE		6500	6950	7400	K	
VIEWING ANGLE			120		2x theta	
EMITTED COLOR:	COOL WHITE					
LENS FINISH:	WATER CLEAR					

*LUMINOUS FLUX TESTING CONDITION 550nm WAVELENGTH.

IMITS	٥F	SAFF	OPERATION	ΑT	25°C	

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	80	mA
POWER DISSIPATION	315	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-30 TO +85	•C
STORAGE TEMP.	-40 TO +85	•C
* t<10µS		

ZENER DIODE

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PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
REVERSE LEAKAGE CURRENT			0.5	μΑ	Vr=5V
ZENER VOLTAGE	5.8	6.3	6.8	٧	Iz=5mA
FORWARD VOLTAGE			1.2	٧	If=20mA

COLOR	CIE-X	CIE-Y
	0.3895	0.3820
COOL WHITE	0.3740	0.3730
COOL WHILE	0.3705	0.3573
	0.3846	0.3660

CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 3 STANDARDS

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.

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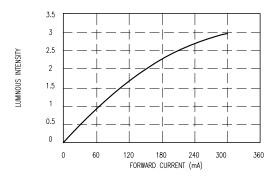
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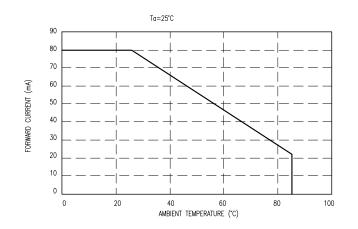
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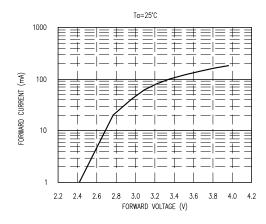
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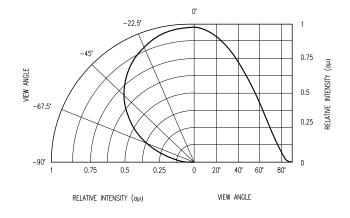
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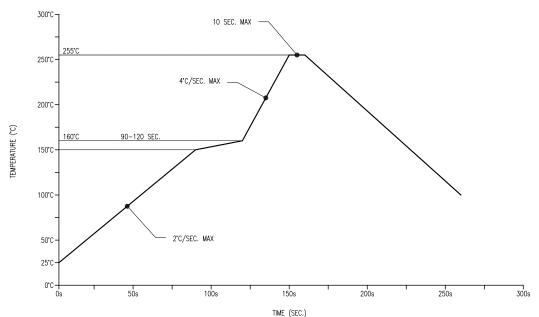
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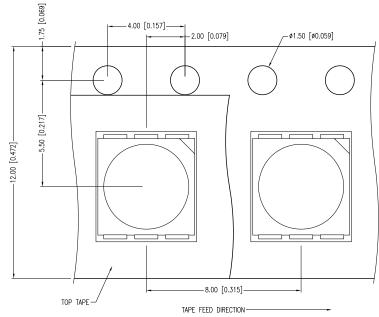
SML-LX5050UWC3-TR

REV.





TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



- 1. THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
- 2. 1,000 PIECES PER REEL.

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