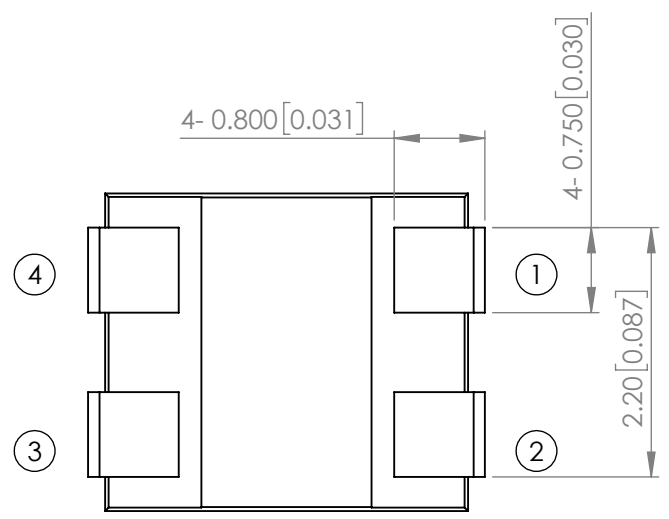
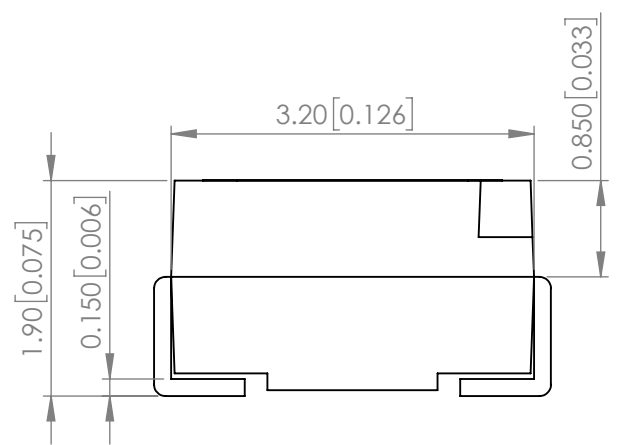
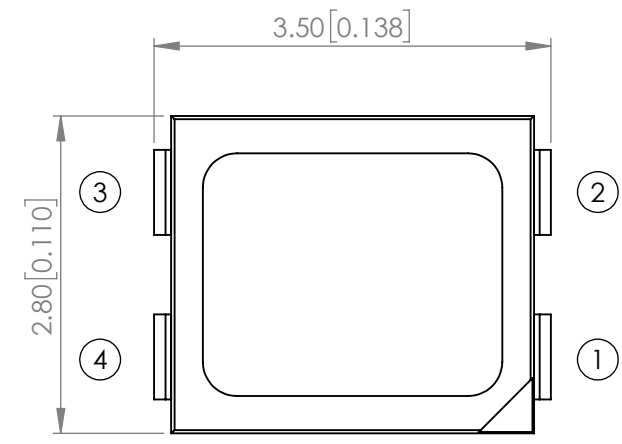




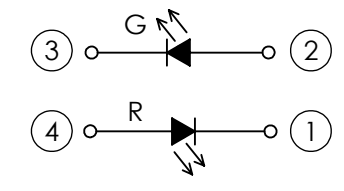
**THE DATASHEET OF  
SML-LX2835IGC-TR**



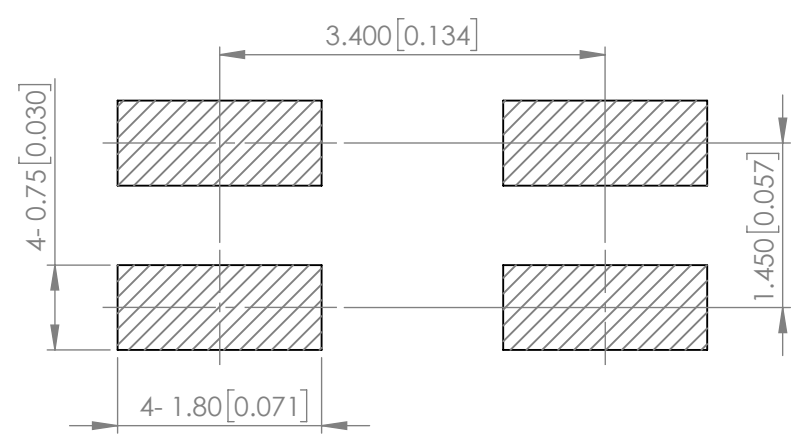
<b>PART NUMBER</b>		SML-LX2835IGC-TR	<b>REV</b>	<b>C</b>
<b>REV</b>	<b>E.C.N. NUMBER AND REVISION COMMENTS</b>			<b>DATE</b>
A	E.C.N. #11798.			01.18.12
B	E.C.N. #11945.			05.19.15
C	ECN-Lumex202100075			12.23.21



**POLARITY**



**RECOMMENDED SOLDER PAD LAYOUT**



**ELECTRO-OPTICAL CHARACTERISTIC TA=25°C**

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	R	-	632	-	nm	If=20mA
	G	-	575	-		
FORWARD VOLTAGE	R	-	2.0	2.4	Vf	If=20mA
	G	-	2.0	2.4		
REVERSE CURRENT	R	-	-	10	uA	VR=5V
	G	-	-	10		
LUMINOUS INTENSITY	R	-	60	-	mcd	If=20mA
	G	-	25	-		
VIEWING ANGLE		-	120	-	2x theta1/2	-
EMITTED COLOR	RED / GREEN					
EPOXY LENS FINISH	WATER CLEAR					

**ABSOLUTE MAXIMUM RATINGS TA=25°C**

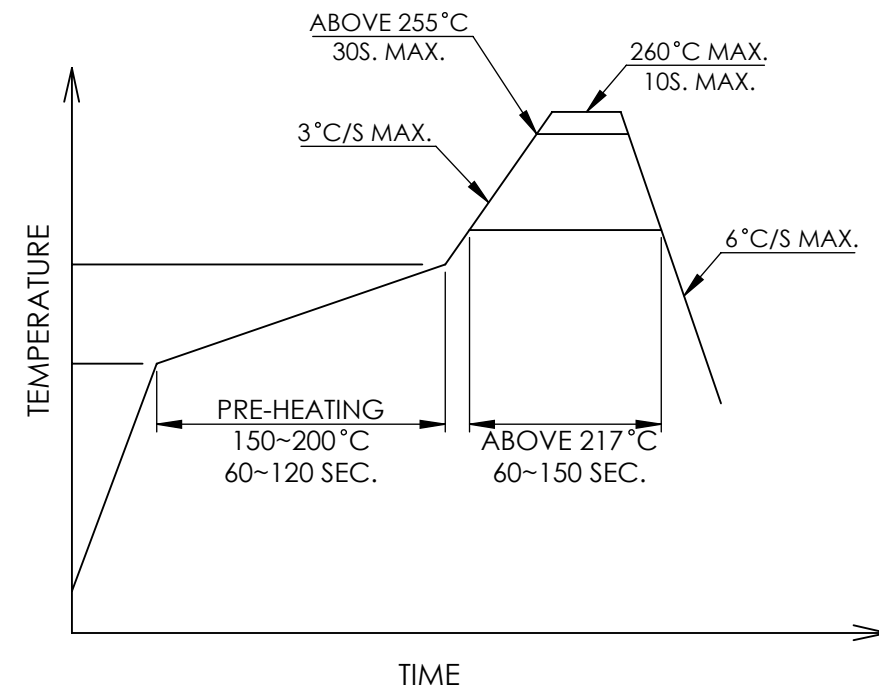
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT (R/G)*	60 / 60	mA
FORWARD CURRENT (R/G)	25 / 25	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION (R/G)	60 / 60	mW
STORAGE TEMPERATURE	-40 TO +95	°C
OPERATING TEMPERATURE	-40 TO +85	°C

\* 1/10 DUTY CYCLE 0.1ms PULSE.

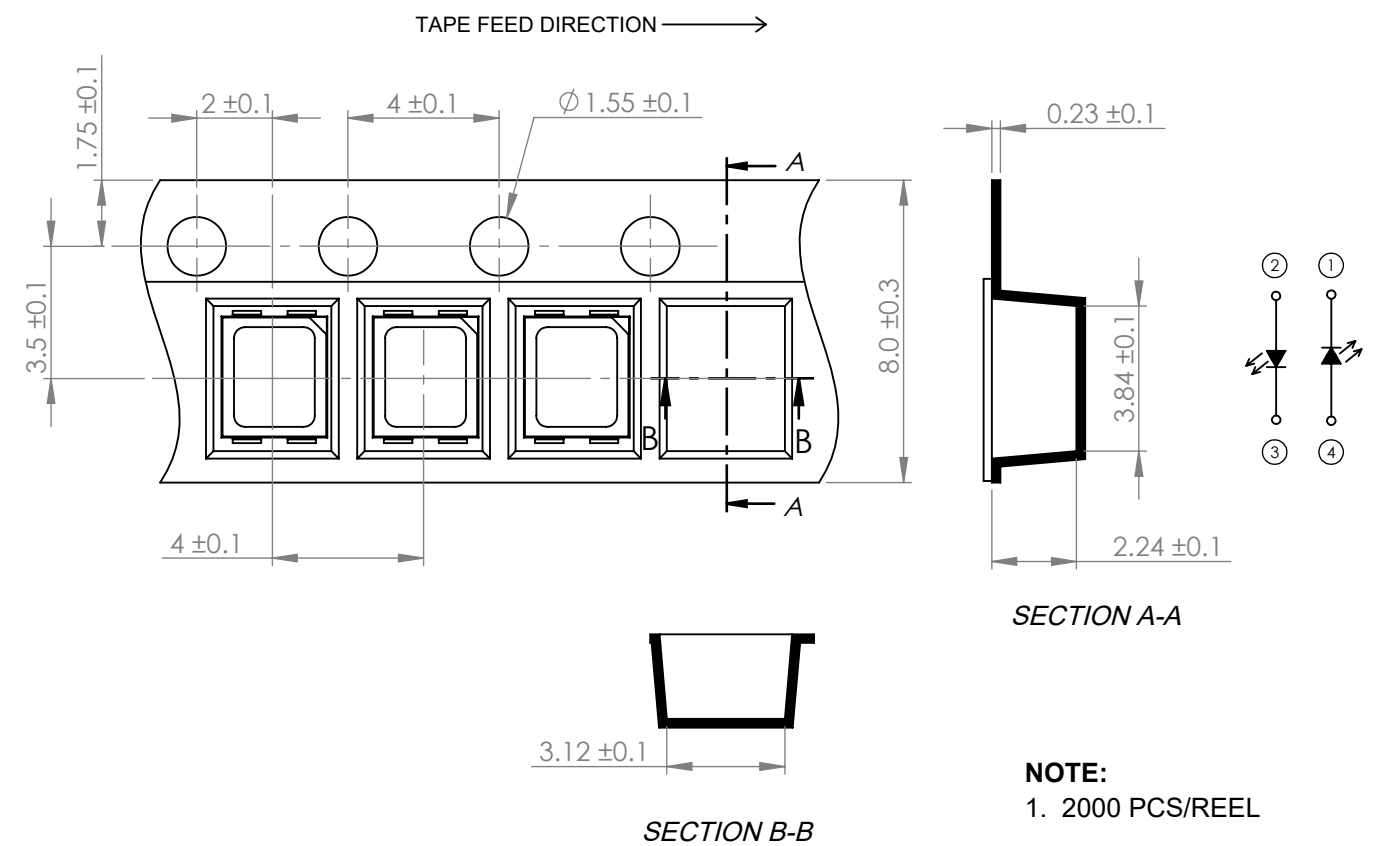
**MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 3 STANDARDS**

\*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> -0.00 MAX= <sup>+0.00</sup> -DECIMAL PRECISION

**PROFILE**




**CARRIER TAPE DIMENSION**



**NOTE:**  
1. 2000 PCS/REEL

\*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>

 <p>425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM</p>	3.5(L)*2.8(W)*1.9(H)mm, SURFACE MOUNT TOP VIEW LED, 632nm RED/575nm GREEN LED, WATER CLEAR LENS, TAPE & REEL		DATE : 2021.12.23	DRAWN BY : C.C.
	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.**			
	CONFIDENTIAL INFORMATION			
	THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.			
			SCALE : NTF	CHKD BY : E.C.
			UNIT : mm [INCH]	APRVD BY : G.Y.
				(No)

## Looking for pricing, stock, or lifecycle information?

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- ⊖ [Lumex Opto/Components Inc. Information](#)

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- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management