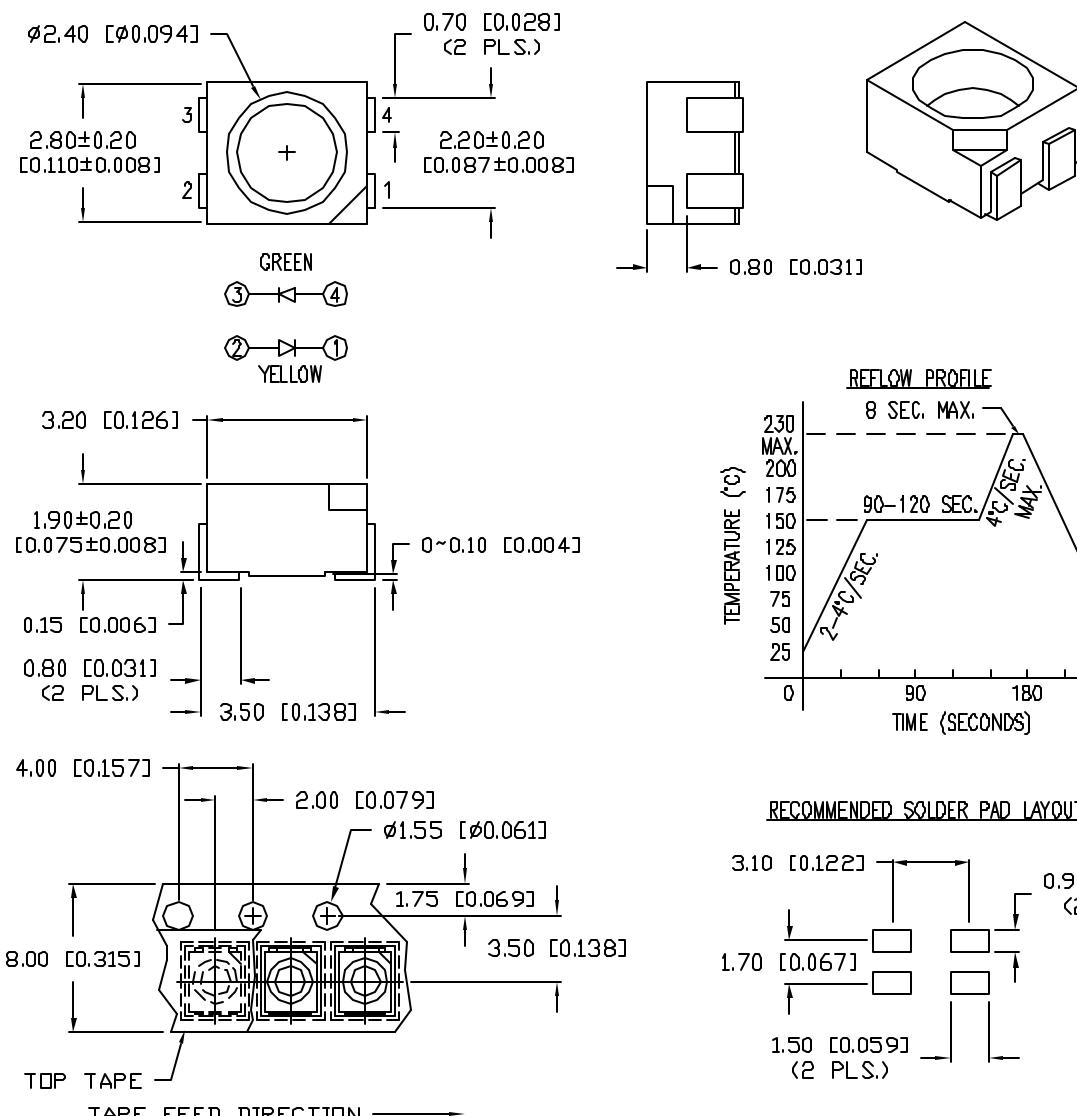


SML-LX2832YGC-TR



REPLACES PART #:SML-LX2832YGC(-TR)

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.30). MIN= +DECIMAL PRECISION MAX= +0.00 -0.00 -DECIMAL PRECISION

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$			
PARAMETER	MIN	TYP	MAX
PEAK WAVELENGTH	585 (YELLOW)	nm	
	565 (GREEN)	nm	
FORWARD VOLTAGE		2.1	2.8
REVERSE VOLTAGE	5.0		
AXIAL INTENSITY (Y/G)	15/25		
VIEWING ANGLE	120		
EMITTED COLOR:	YELLOW/GREEN		
EPOXY LENS FINISH:	WATER CLEAR		

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		160	mA
STEADY CURRENT	(Y/G)	30/25	mA
POWER DISSIPATION		100	mW
DERATE FROM $25^\circ\text{C}$		-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.		-25 TO +85	$^\circ\text{C}$
STORAGE TEMP.		-30 TO +85	$^\circ\text{C}$

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

## NOTES:

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

## CAUTION: MOISTURE SENSITIVE DEVICE

1. SHELF LIFE IN SEALED BAG: 12 MONTHS AT  $<40^\circ\text{C}$  AND  $<90\%$  RELATIVE HUMIDITY (RH).
2. AFTER THIS BAG IS OPENED, DEVICES HAVE TO BE MOUNTED WITHIN 48 HOURS OR STORED AT  $<30\%$  RH.

# Mouser Electronics

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