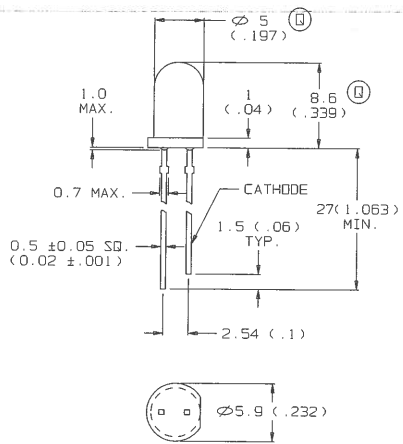


REV	ECR NO./DESCRIPTION	DATE
A	30811 RHW NEW RELEASE	08/07/07



LED #. CMD	LED #. CMD	LED #. CMD	ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS	UNITS
41104UR/E	41104UR/D	41104UG		
SB RED	SB RED	SB GREEN	OUTPUT COLOR	
N	N	N	DIFFUSION	
WATER CLEAR	WATER CLEAR	WATER CLEAR	PACKAGE COLOR	
20	20	20	TEST CURRENT	mA
1.85	1.85	2.2	FORWARD VOLTAGE TYP	V
2.5	2.5	2.5	FORWARD VOLTAGE MAX	V
1800	900	70	LUMINOUS INTENSITY MIN	ncd
2800	1100	200	LUMINOUS INTENSITY TYP	ncd
--	--	--	LUMINOUS INTENSITY MAX	ncd
660	660	565	PEAK WAVELENGTH	nm
20	20	20	VIEWING ANGLE 2θ 1/2	degrees
			ABSOLUTE MAXIMUM RATINGS Ta = 25°C	UNITS
100	100	105	POWER DISSIPATION	mW
-40 TO +85	-40 TO +85	-40 TO +85	OPERATING TEMPERATURE	°C
-40 TO +85	-40 TO +85	-40 TO +85	STORAGE TEMPERATURE	°C
150	155	140	PEAK FORWARD CURRENT MAX. (SEE NOTE 2)	mA
5	5	5	REVERSE VOLTAGE (IR = 100µA)	V
5	5	5	LEAD SOLDER TIME AT 260°C	SECONDS

NOTES:

1. ALL DIMENSIONS ARE IN MM (IN).
2. 1/10 DUTY CYCLE, 0.1 ns PULSE WIDTH.
3. LED'S ARE RoHS COMPLIANT.

DO NOT SCALE

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Ⓢ FOR INSPECTION USE ONLY
 ⊗ SPC DOCUMENTATION REQ. (X R CHARTS)

DEPT.
S

PART NO.	SEE TABLE	TITLE	T1-3/4 SUPER BRIGHT LEDS
MODEL NO.			
HOLD NO.			
MATERIAL:		CML INNOVATIVE TECHNOLOGIES, INC WHERE INNOVATION COMES TO LIGHT 147 CENTRAL AVE. HACKENSACK, NJ 07601	
FINISH:			
TOLERANCE UNLESS OTHERWISE SPECIFIED:	DRAWN R.H. Wiggins	SCALE: NONE	
MM (IN) ± 0.25(0.01)	CHECKED <i>Rb</i> 8-7-07		
ANGLE ± 1°	ENG. APPROV <i>R</i> 8-8-07		
		B19969	REV A

DN 040

ORIGINAL
WHEN RBD

SHEET 1 OF 1