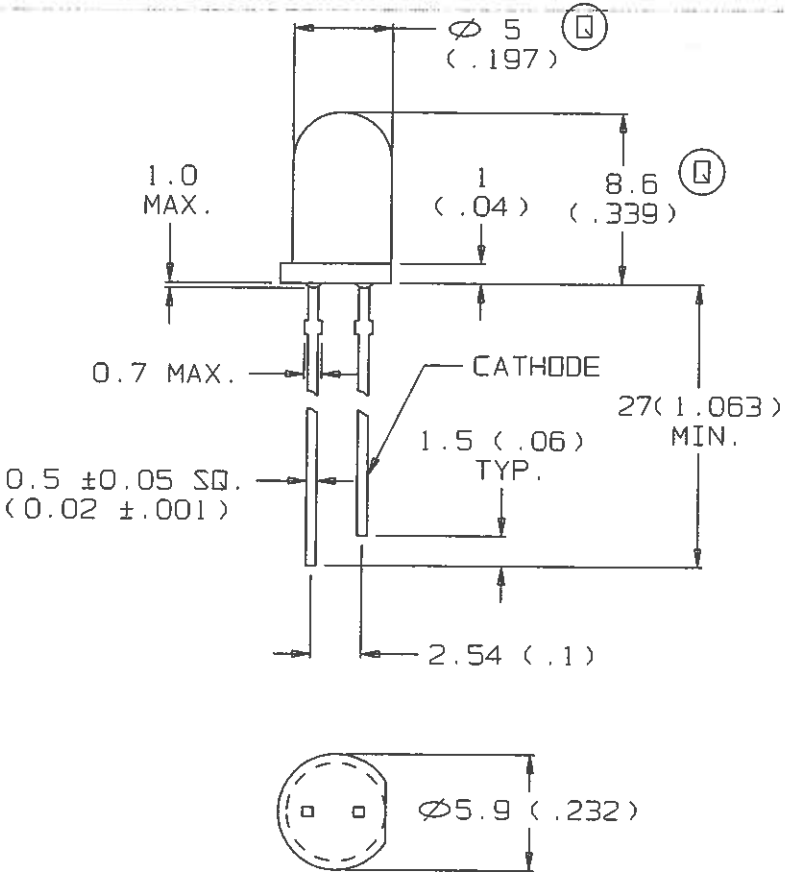


REV	ECR NO./DESCRIPTION	DATE
A	30811 RHW NEW RELEASE	08/07/07



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	nA
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 2 θ 1/2	degrees
			ABSOLUTE MAXIMUM RATINGS T _a = 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 (I _R = 100 μ A)	V
5	5	5	LEAD SOLDER TIME AT 260°C	SECONDS

- NOTES:
- ALL DIMENSIONS ARE IN MM(IN).
 - 1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH.
 - LED'S ARE RoHS COMPLIANT.

DO NOT SCALE

THIS DWG IS THE PROPERTY OF CML INNOVATIVE TECH, INC. AND IS PROPRIETARY IN GENERAL AND IN DETAIL. IT SHALL NOT BE COPIED OR ITS CONTENTS REVEALED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF CML INNOVATIVE TECH, INC.

(Q) FOR INSPECTION USE ONLY (X) SPC DOCUMENTATION REQ. (X R CHARTS)		DIST. S	
PART NO. SEE TABLE MODEL NO. MOLO NO. MATERIAL: FINISH:		TITLE T1-3/4 SUPER BRIGHT LEDS	
TOLERANCE UNLESS OTHERWISE SPECIFIED: MM (IN) $\pm$ 0.25(0.01) ANGLE $\pm$ 1°		DRAWN R.H. Wiggins CHECKED <i>RB</i> 8-7-07 ENG. APPRV <i>4</i> 8-8-07	
		SCALE: NONE B19969	REV A

ON GMD

ORIGINAL
WHEN RED

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Chicago Miniature:

[CMD41104UR/E](#) [CMD41104UR/D](#)