





ELECTRO-OPTICAL C	HARACTERISTIC	S 1A=25°C	V <sub>f</sub> =14V		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		14	16	V f	
REVERSE VOLTAGE	5.0			٧r	I <sub>r</sub> = 100µA
AXIAL INTENSITY		200		mcd	$V_f = 14V$
VIEWING ANGLE		50		2x theta	
EMITTED COLOR:	YELLOW				

## LIMITS OF SAFE OPERATION AT 25°C

EPOXY LENS FINISH: YELLOW TRANSPARENT

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE*	16	٧
STEADY CURRENT	11	mA
POWER DISSIPATION	176	mW
DERATE FROM 25°C	- 1.2	mW/*C
OPERATING, STORAGE TEMP.	-40 TO +85	•C
SOLDERING TEMP.	+ 260	.C
2.0mm FROM BODY	3	SEC. MAX

<sup>\*</sup> t<10µS

## NOTES:

- 1. CUSTOMER PART NUMBER #28-6451.
- 2. DIODE PART NUMBER #RR264M-400 (ROHM). 3. DESCRIPTION: T 1-3/4 (5mm) LED WITH INTERNAL RESISTOR FOR 14V
- & DIODE ON FR4 WITH EXTERNAL DIODE FOR REVERSE VOLTAGE PROTECTION.
- 4.CHARACTERISTISC:
- REVERSE VOLTAGE DC =400 V.
- DOUBLE BATTERY JUMP = 24.5V FOR 3 MIN. @ 25-DEG C. REVERSE BATTERY JUMP = 400V. INDUCTIVE TRANSIENT = +115V, -400V.

\*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= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECI



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CUSTOM LED ASSEMBLY.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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	DATE:	01.20.10	DRAWN BY:	JN
	PAGE:	1 OF 1	CHKD BY:	
	SCALE:	N/A	APRVD BY:	BC
	UNIT:	mm [INCH]	<b>P</b>	