



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$					$V_f=28\text{V}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		28	30	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	110	350		mcd	$V_f=28\text{V}$
VIEWING ANGLE		50		$2x$ theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE*	30	V
STEADY CURRENT	7.0	mA
POWER DISSIPATION	260	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

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

NOTES:

- CUSTOMER PART NUMBER #28-6957-3.
- D1: ROHM RR264M-400.

*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 (±0.030). MIN= ^{+DECIMAL PRECISION} _{-0.00} MAX= ^{+0.00} _{-DECIMAL PRECISION} UNCONTROLLED DOCUMENT



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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:	04.06.10	DRAWN BY:	JN
PAGE:	1 OF 1	CHKD BY:	
SCALE:	N/A	APRVD BY:	BC
UNIT:	mm [INCH]		(R)