



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $V_f=28\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		28	30	Vf	
REVERSE VOLTAGE	5.0			Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY		48		mcd	$V_f=28\text{V}$
VIEWING ANGLE		50		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	GREEN TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE*	30	V
STEADY CURRENT	8.5	mA
POWER DISSIPATION	260	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

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

NOTES:

- CUSTOMER PART NUMBER #28-6354-3.
- DESCRIPTION: T 1 3/4 (5mm) LED ON PCB WITH RESISTOR FOR 28V APPLICATION.

*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} -0.00, MAX= ^{-DECIMAL PRECISION} 0.00

UNCONTROLLED DOCUMENT



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CUSTOM LED ASSEMBLY.

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DATE:	01.20.10	DRAWN BY:	JN
PAGE:	1 OF 1	CHKD BY:	BC
SCALE:	NTS	APRVD BY:	BC
UNIT:	mm [INCH]		(Pb)