ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $V_f=14\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		640		nm	$V_f=14\text{V}$
FORWARD CURRENT		10.5	13.5	mA	
REVERSE CURRENT			10	μA	$V_r=5\text{V}$
AXIAL INTENSITY	110	210		mcd	$V_f=14\text{V}$
VIEWING ANGLE		50		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

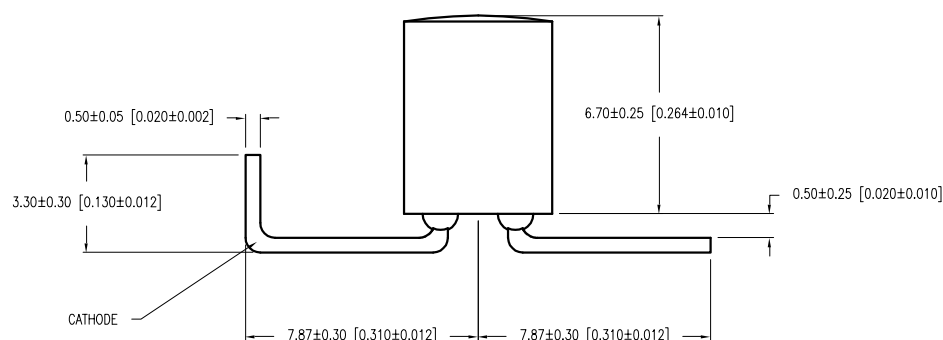
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	16	mA
STEADY CURRENT	10.5	mA
POWER DISSIPATION	160	mW
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING TEMP.	-40 TO +70	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY	5	SEC. MAX

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

NOTES:

1. CUSTOMER PART #28-6353-3.

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

CATHODE  ANODE*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= $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$ MAX= $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$ 

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T-5mm (T-1 3/4) RED LED, RED TRANSPARENT LENS.

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]		(R)