



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			636		nm	
			574		nm	
FORWARD VOLTAGE	(R/G)		2.0	2.4	V_f	
REVERSE VOLTAGE	(R/G)	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	(R/G)	160/40	250/63		mcd	$I_f=20\text{mA}$
VIEWING ANGLE			25		$2x$ theta	
EMITTED COLOR:	RED/GREEN					
EPOXY LENS FINISH:	WATER CLEAR					

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (R/G)	160/160	mA
STEADY CURRENT (R/G)	25/25	mA
POWER DISSIPATION (R/G)	60/60	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

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

*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 PRECISION UNCONTROLLED DOCUMENT



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T-5mm 3 LEADED BI-COLOR LED, 636nm RED/574nm GREEN, WATER CLEAR LENS, REVERSE FLANGE.

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

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DATE:	04.12.10	DRAWN BY:	JN
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	N/A	APRVD BY:	BC
UNIT:	mm [INCH]		