



ELECTRO-OPTICAL CHA	RACTERISTICS TA =:	25°C	If=20mA		
PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH	363	365	370	nm	
FORWARD VOLTAGE		3.6	4.2	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=1μA
TOTAL POWER OUTPUT		0.4		mW	If=20mA
VIEWING ANGLE		80		DEGREES	
EMITTED COLOR:	ULTRA VIOLET				
EPOXY LENS FINISH:	WATER CLEAR				

PIMITS	UE	CVEE	OPERATION	۸T	25.0	

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	120	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	84	mW
OPERATING TEMP.	-40 TO +100	•C
STORAGE TEMP.	-40 TO +100	.C
SOLDERING TEMP.	+260	.C
2.0mm FROM BODY	3	SEC. MAX.

*1/10 DUTY CYCLE AT 1kHz

THERMAL PARAMETERS

PARAMETER	VALUE	UNITS
MAXIMUM JUNCTION TEMPERATURE	100	·c
THERMAL RESISTANCE JUNCTION-AIR	400	*C/W
THERMAL RESISTANCE JUNCTION-CASE	135	*C/W

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

*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 (±0.002), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 (±0.002), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 (±0.002), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), X.XX=±0.05 (±0.002), INCONTROLLED DOCUMENT



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-CATHODE

365nm UV LED, TO-46 CAN PACKAGE.

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

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	PAGE:	1 OF 1	CHKD BY:	KF	
	SCALE:	NTS	APRVD BY:	ВС	
	UNIT: mm [INCH]		Pb)		

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