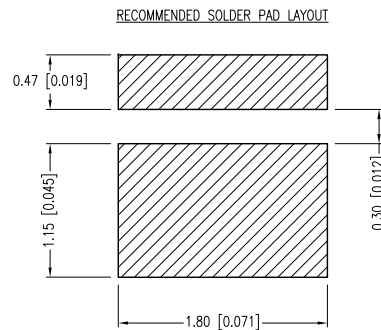
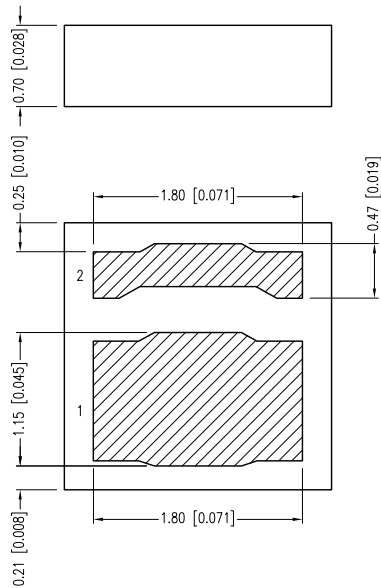
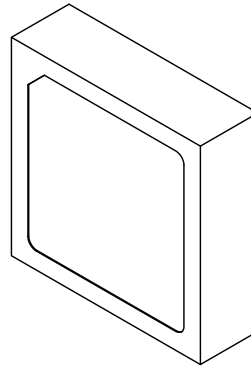
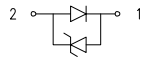
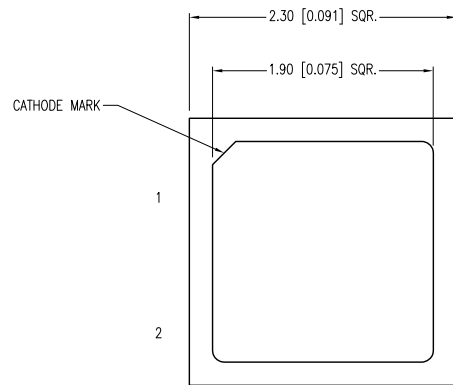




ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=150mA

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			-		nm	
FORWARD VOLTAGE	Vf		3.3	3.5	Vf	
REVERSE VOLTAGE	Vr	5.0			Vr	Ir=100μA
LUMINOUS FLUX		45	50		lm	If=150mA
COLOR TEMPERATURE		2870	3000	3220	°K	
VIEWING ANGLE			120		2x theta	
EMITTED COLOR:	WARM WHITE					
LENS FINISH:	WATER CLEAR					

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
DC FORWARD CURRENT	180	mA
STEADY CURRENT	300	mA
POWER DISSIPATION	500	mW
DERATE FROM 25°C	-1.25	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +100	°C

THERMAL PARAMETERS

PARAMETER	VALUE	UNITS
JUNCTION TEMPERATURE	115	°C
THERMAL RESISTANCE	20	°C/W

CIE X	CIE Y
0.422	0.399
0.415	0.381
0.426	0.385
0.435	0.403

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

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

UNCONTROLLED DOCUMENT

*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

DATE: 10.22.12	DRAWN BY: AB
PAGE: 1 OF 2	CHKD BY: DT
SCALE: NTS	APRVD BY: DT
UNIT: mm [INCH]	(Pb)