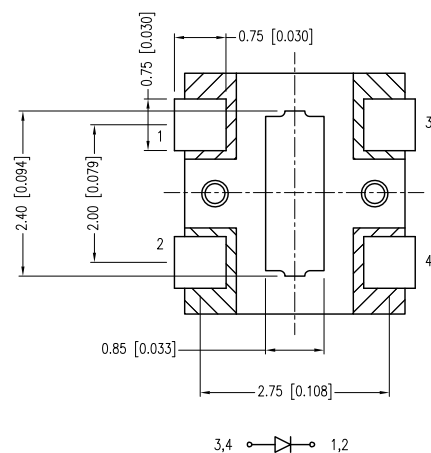
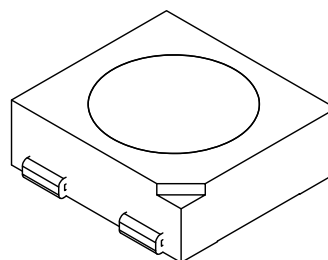
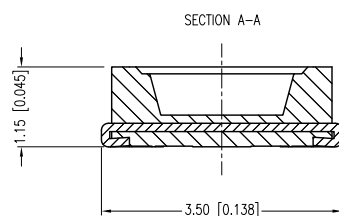
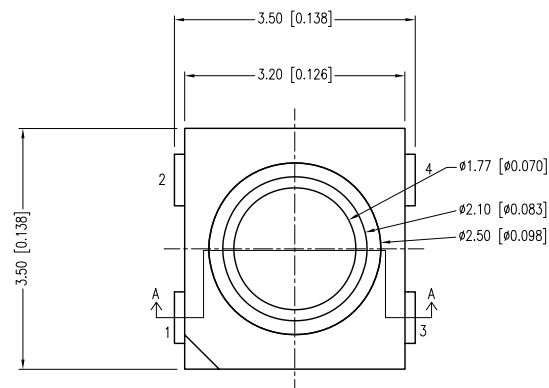




ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA						
PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			470		nm	
FORWARD VOLTAGE	Vf	2.8	3.1	3.7	V	If=20mA
REVERSE VOLTAGE	Vr	5.0			V	Ir=10uA
LUMINOUS INTENSITY		60	110	200	mcd	If=20mA
VIEWING ANGLE			120		2x theta	
EMITTED COLOR:	BLUE					
LENS FINISH:	WATER CLEAR					

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	125	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	110	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +80	°C
STORAGE TEMP.	-40 TO +85	°C

*1. 1/8 DUTY@1KHz.

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

*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 -0.00 DECIMAL PRECISION

UNCONTROLLED DOCUMENT