



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTHH	-	660	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.4	Vf	If=20mA
REVERSE VOLTAGE	-	-	4	Vr	Ir=100uA
LUMINOUS INTENSITY	2000	2800	-	mcd	If=20mA
VIEWING ANGLE	-	30	-	2x theta1/2	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
FORWARD CURRENT	30	mA
POWER DISIPATION	72	mW
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-30 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC. MAX. @260	°C

*t<10us

**2.0mm FROM BODY

NOTE:

1. RoHS COMPLIANT.

STATIC 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}/_{-0.00} MAX.= ^{+0.00}/_{-DECIMAL PRECISION}