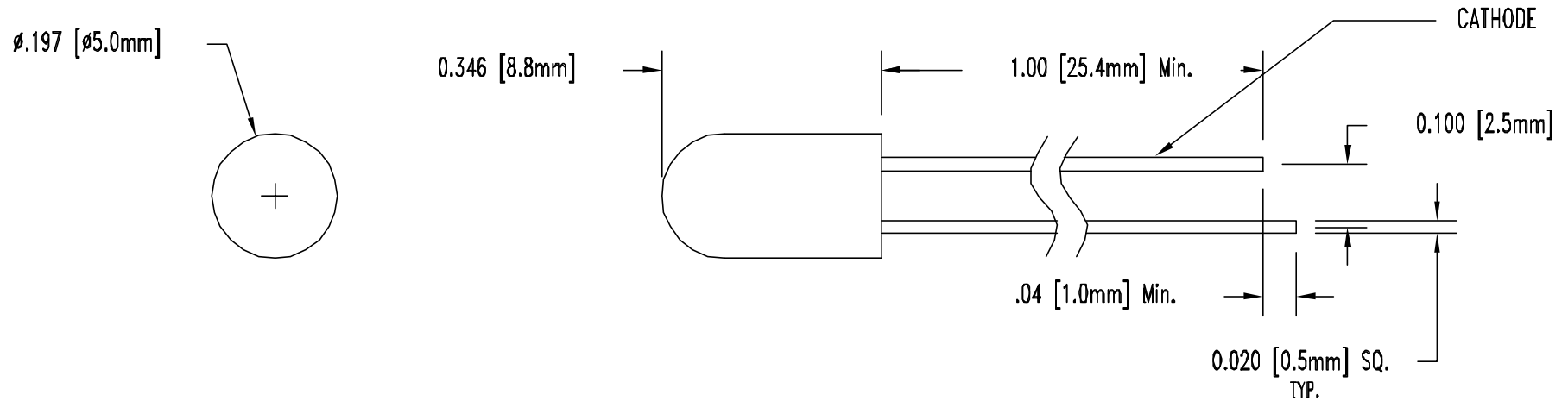



REV	DESCRIPTION	DATE	APPROVED
A	ENGINEERING RELEASE	09/17/03	MC



LED PART NO.	Chip		LENS APPEARANCE	Absolute Maximum Ratings				Electro-Optical Data @ 50mA				Viewing Angle (Deg)
	MATERIAL	PEAK WAVE λP (nm)		$\Delta \lambda$ (nm)	pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Radiant Power @ mW/cm ²		
								Typ.	Max.	Min.	Typ.	
5IRC-940	GaAs/GaAs	940	WATER CLEAR	50	100	100	1000	1.2	1.5	1.8	7.1	20

ABSOLUTE MAXIMUM RATINGS ($T_a=25^\circ C$)

PEAK FORWARD CURRENT _____ PULSE WIDTH=10us
 REVERSE CURRENT (V =5V) _____ 10% DUTY CYCLE
 OPERATING TEMPERATURE RANGE _____ -45 C 85 C
 STORAGE TEMPERATURE _____ -45°C ~ 100°C
 LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) _____ 250°C FOR 5 SECONDS

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		 4 THOMAS, IRVINE, CA.92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
TOLERANCES			
DECIMALS	ANGULAR		
.X ± .1	X° ± 1'		
.XX ± .01			
.XXX ± .005			
DESIGNER DAVID GREEN	DATE 09/17/03	PART NAME: T-1 3/4 (5mm) Infrared ED, Transmitter	
CHECKER M. CHEN	DATE 09/17/03	SIZE A	DWG NO. 5IRC-940
SCALE 1=1		CAGE CODE 32559	REV A
SHEET 1 OF 1			