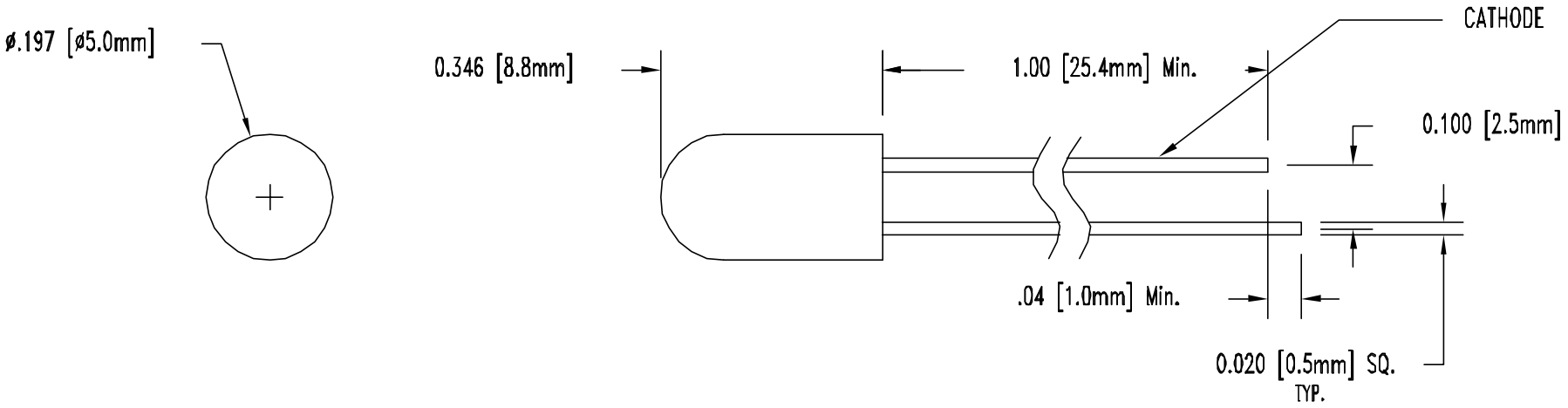
REV	DESCRIPTION	DATE	APPROVED
A	ENGINEERING RELEASE	09/17/03	MC



LED PART NO.	Chip		LENS APPEARANCE	Absolute Maximum Ratings				Electro-Optical Data @ 50mA				Viewing Angle
	MATERIAL	PEAK WAVE λP (nm)		△λ (nm)	pd (mW)	If(mA)	Peak If(mA)	Vf(V)		Radiant Power @ mW/cm²		
								Typ.	Max.	Min.	Typ.	(Deg)
5IRC-940	GaAs/GaAs	940	WATER CLEAR	50	100	100	1000	1.2	1.5	1.8	7.1	20

ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

PEAK FORWARD CURRENT ——— PULSE WIDTH=10us 10% DUTY CYCLE

REVERSE CURRENT (V =5V) ——— 100uA

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
TOLERANCES
DECIMALS: .X ± .1, .XX ± .01, .XXX ± .005
ANGULAR: X° ± 1°

DESIGNER: DAVID GREEN — DATE: 09/17/03
CHECKER: M. CHEN — DATE: 09/17/03

Bivar®
4 THOMAS, IRVINE, CA.92618
TEL: (949) 951-8808 FAX: (949) 951-3974

PART NAME: T-1 3/4 (5mm) Infrared ED, Transmitter

SIZE	DWG NAME	DWG NO.	REV
A		5IRC-940	A

SCALE 1=1 | CAGE CODE 32559 | SHEET 1 OF 1