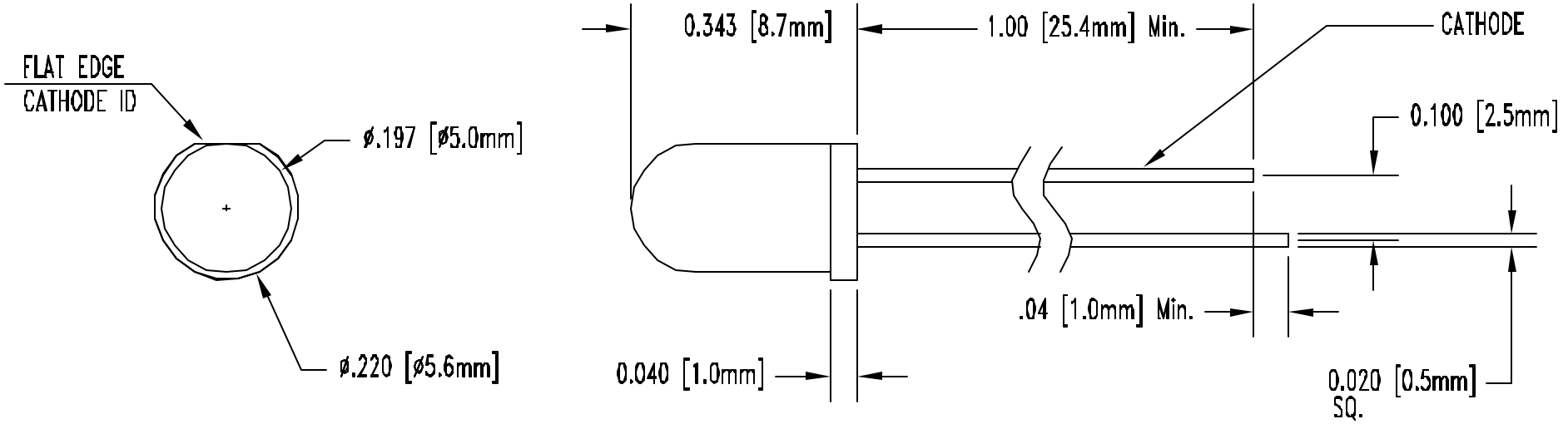
REV	DESCRIPTION	DATE	APPROVED
A	ENGINEERING RELEASE	11/22/02	MC



LED PART NO.	Chip		LENS APPEARANCE	Absolute Maximum Ratings				Electro-Optical Data @ 100mA				If p=20mA PW=10us DC=10%		Viewing Angle
	MATERIAL	PEAK WAVE λP (nm)		△λ (nm)	pd (mW)	If(mA)	Peak If(mA)	Vf(V)		Radiant Power @ mW/cm³		Tr	Tf	
								Typ.	Max.	Min.	Typ.	(ns)	(ns)	(Deg)
5IRC-940-F	GaAs/GaAs	940	WATER CLEAR	50	150	50	250	1.4	1.6	7.0	13.0	500	200	15

ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

PEAK FORWARD CURRENT ——— PULSE WIDTH=10us 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
TOLERANCES
DECIMALS: .X ± .1, .XX ± .01, .XXX ± .005
ANGULAR: X° ± 1°

DESIGNER: Michael Chen — DATE: 11/22/02
CHECKER: D. Green — DATE: 11/22/02

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 A | DWG NAME | DWG NO. 5IRC-940-F | REV A
SCALE 4=1 | CAGE CODE 32559 | SHEET 1 OF 1