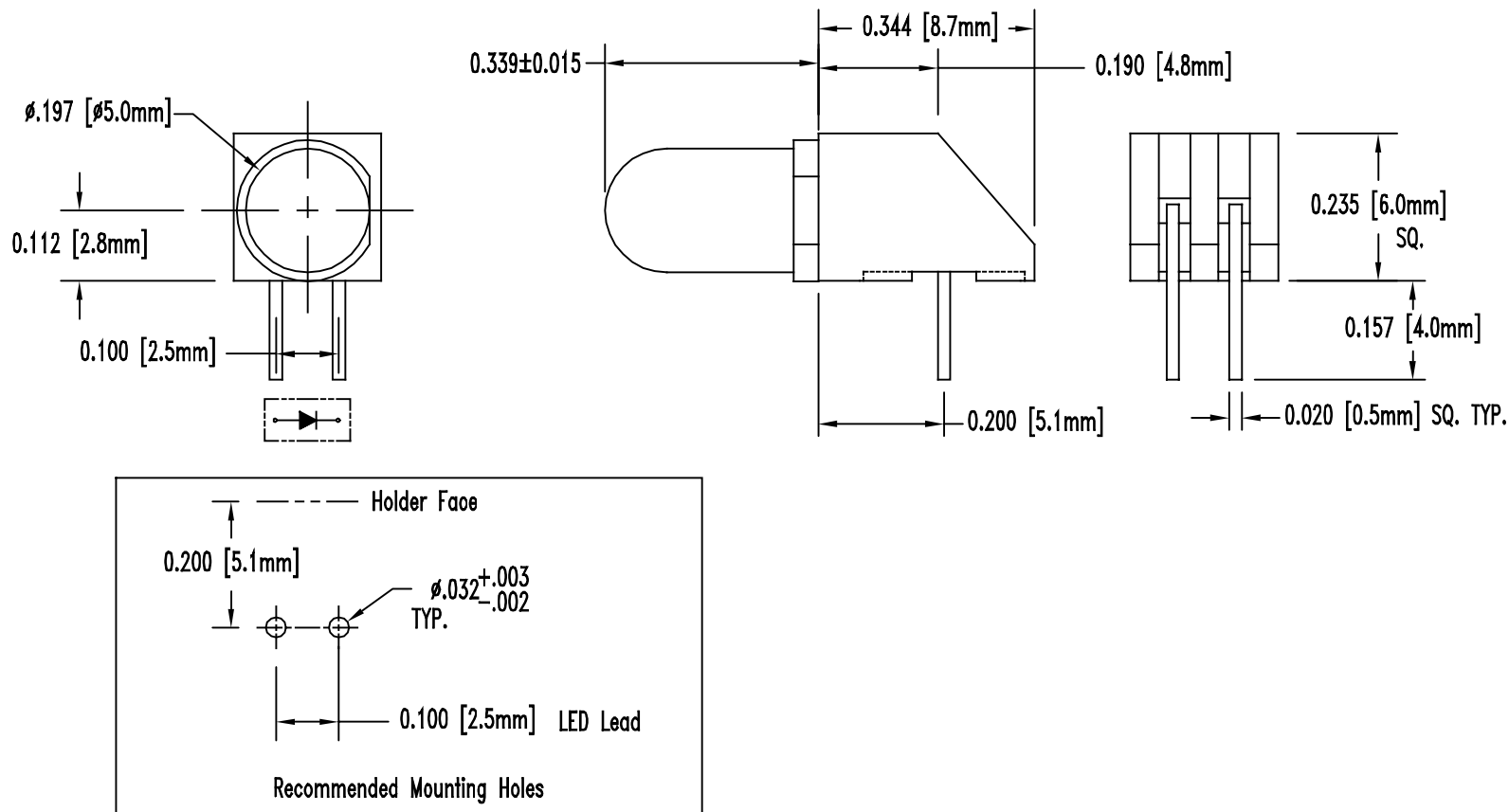


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	5UYC-2K-F	T-1 3/4 (5mm) FLANGED LED
2	1	909-235 NT	SINGLE T-1 (3mm) LED HOLDER

REV	DESCRIPTION	DATE	APPROVED
A	ENGINEERING RELEASE.	12/19/06	MC



LED Part No.	Chip			Lens Appearance	Absolute Maximum Ratings				Electro-Optical Data @ 20mA			Viewing Angle (Deg.)
	Material	Emitted Color	Peak Wave Length λ_P (nm)		$\Delta\lambda$ (nm)	Pd (mW)	If (Typ) (mA)	Peak (If) (mA)	Vf(V) Typ.	Vf(V) Max.	Iv(mcd) Typ.	
5UYC-2K-F	AlGaInP	YELLOW	590	WATER CLEAR	17	120	30	50	1.94	2.4	2000	30

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

REVERSE VOLTAGE _____ 5V
 REVERSE CURRENT ($V_R=5V$) _____ 100uA
 OPERATING TEMPERATURE RANGE _____ $-25^\circ\text{C} \sim 85^\circ\text{C}$
 STORAGE TEMPERATURE _____ $-30^\circ\text{C} \sim 100^\circ\text{C}$
 LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) _____ 260°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 ± .02			
.XXX ± .010			
DESIGNER Dan Beckman	DATE 12/19/06	PART NAME: T-1 3/4(5mm) 90° HOLDER ASSEMBLY	
CHECKER T. Yin	DATE 12/19/06	SIZE A	DWG NO. 909235NT5UYC2KF
SCALE 1=1		CAGE CODE 32559	SHEET 1 OF 1