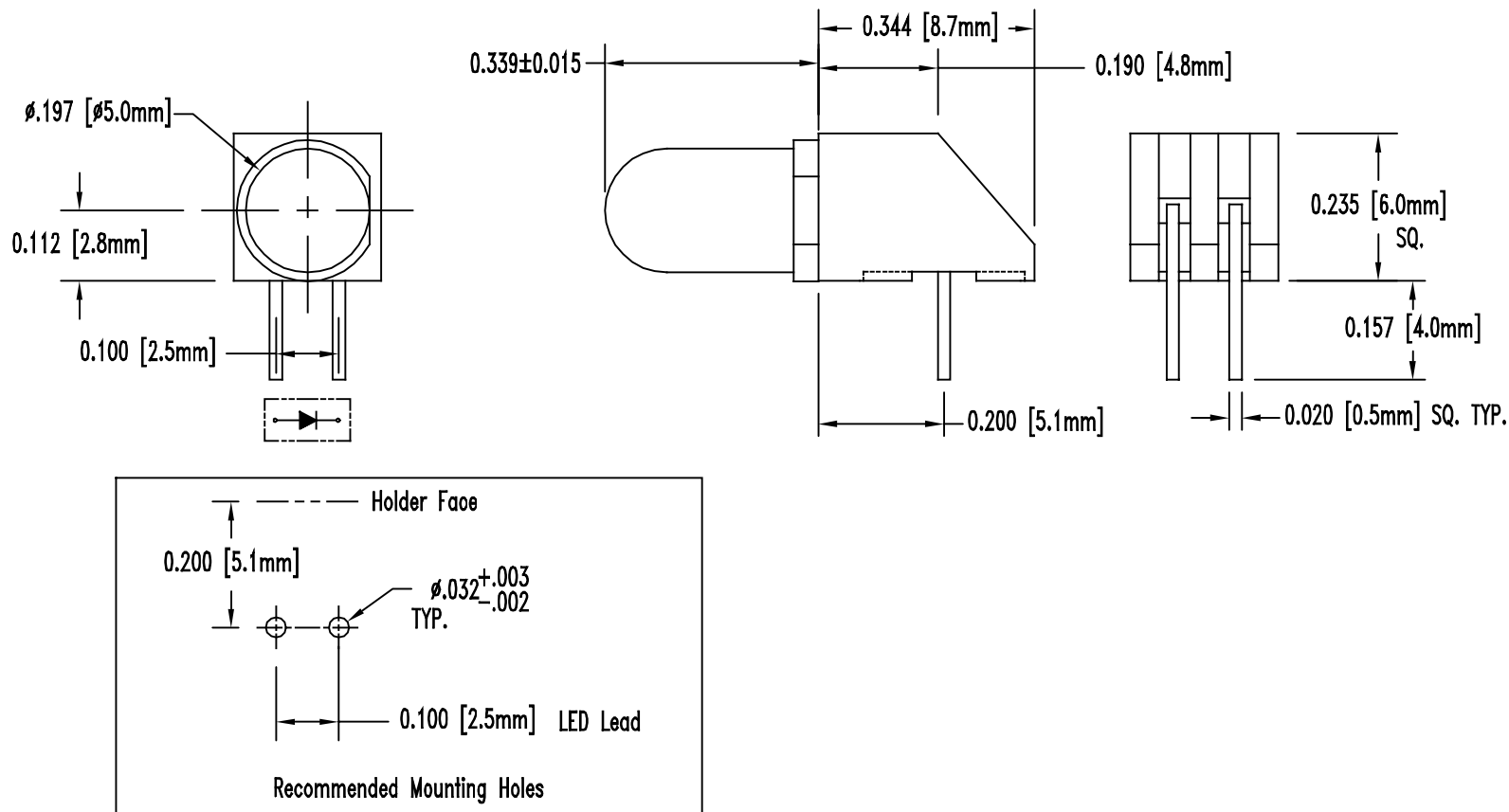


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	5UYC-2K-F	T-1 3/4 (5mm) FLANGED LED
2	1	909-235 NT	SINGLE T-1 (3mm) LED HOLDER

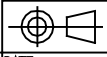
REV	DESCRIPTION	DATE	APPROVED
A	ENGINEERING RELEASE.	12/19/06	MC



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		TOLERANCES		 4 THOMAS, IRVINE, CA.92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR				
.X $\pm .1$	X' $\pm 1^\circ$			PART NAME: T-1 3/4(5mm) 90° HOLDER ASSEMBLY	
.XX $\pm .02$					
.XXX $\pm .010$				REV A	
DESIGNER Dan Beckman	DATE 12/19/06	SIZE A	DWG NAME	DWG NO. 909235NT5UYC2KF	REV A
CHECKER T. Yin	DATE 12/19/06	SCALE 1=1	CAGE CODE 32559	SHEET 1	OF 1