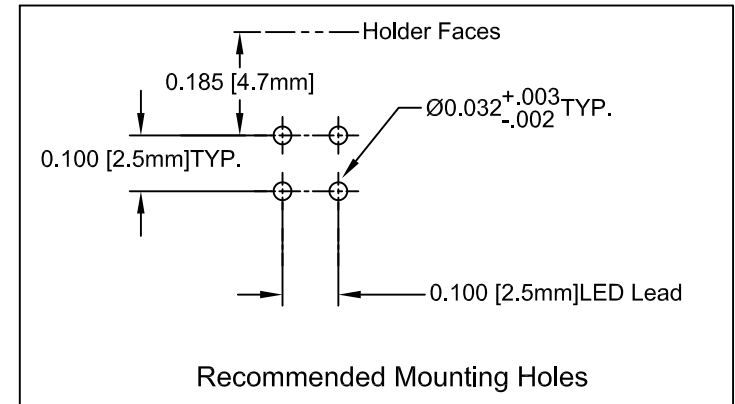
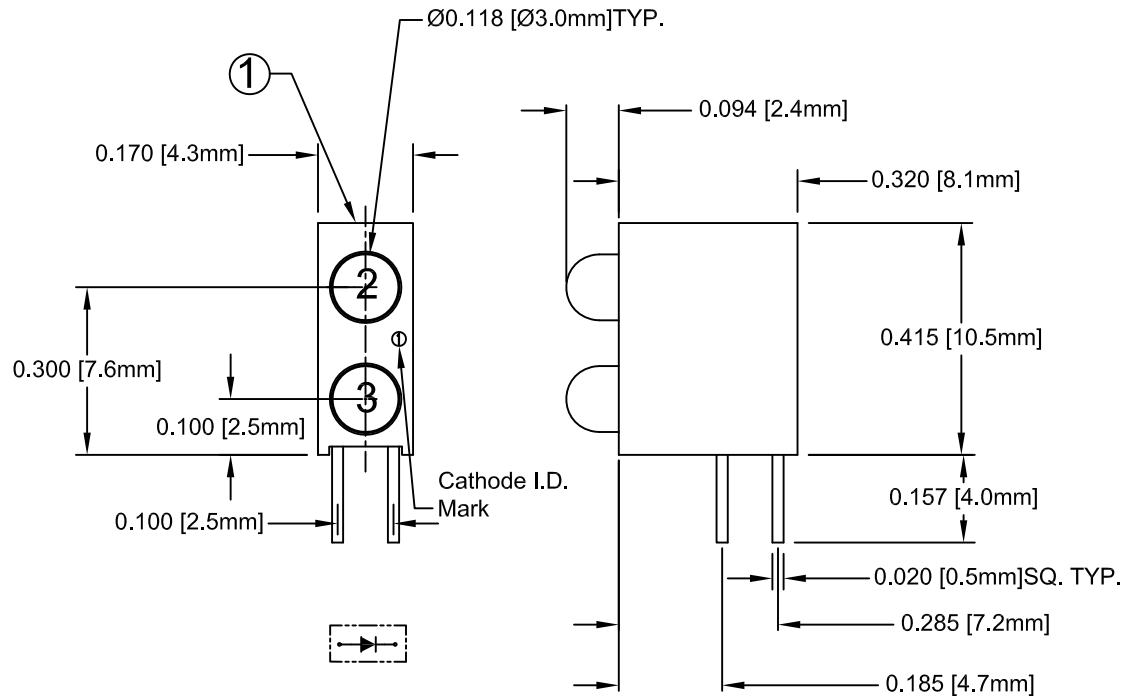


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-301C-1-100	T-1 (3mm) Bi-Level LED Holder, 90° Mount, 100 C/L
2	1	3RD-S	T-1 (3mm) Shouldered LED
3	1	3GD-S	T-1 (3mm) Shouldered LED

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	07/11/06	M. C.
B	Updated LEDs to Shouldered.	06/27/08	M. C.



LED Part No.	Chip			Lens Appearance	Absolute Maximum Ratings				Electro-Optical Data @ 20mA			Viewing Angle (Deg)
	Material	Peak Wave Length λ_p (nm)	Emitted Color		$\Delta\lambda$ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
									Typ.	Max.	Typ.	
3RD-S	GaP/GaP	700	RED	DIFFUSED	60	45	20	80	2.1	2.8	2	40
3GD-S	GaP/GaP	568	GREEN	DIFFUSED	30	80	30	150	2.1	2.8	25	40

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

REVERSE VOLTAGE _____ 5V
 REVERSE CURRENT (VR=5V) _____ 100 μ A
 OPERATING TEMPERATURE RANGE _____ -25°C ~ 85°C
 STORAGE TEMPERATURE _____ -30°C ~ 100°C
 LEAD SOLDERING TEMPERATURE (1/16" FROM BODY) _____ 260°C for 5 Seconds

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974
DECIMALS	ANGULAR	
.X \pm .1	X° \pm 1°	
.XX \pm .02		TITLE: T-1 (3mm) 90° Bi-Level PART NO: H301CRGD-100 REVISION: B
.XXX \pm .010		
DESIGNED: Sonny Dam	DATE: 07/11/06	CAGE CODE : 32559 SHEET # 1 OF 1 <small>CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.</small>
CHECKED: T. Yin	DATE: 07/11/06	