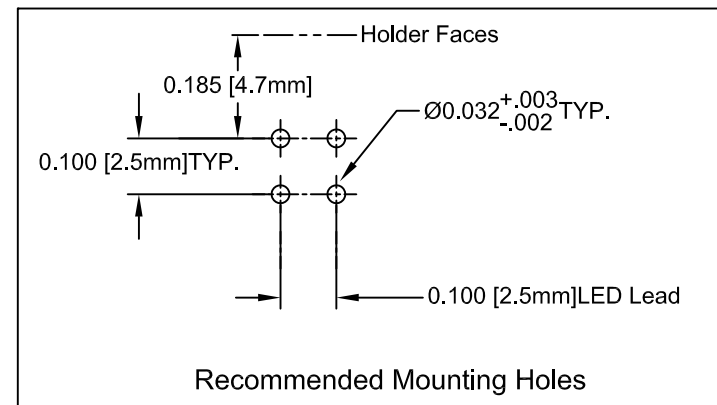
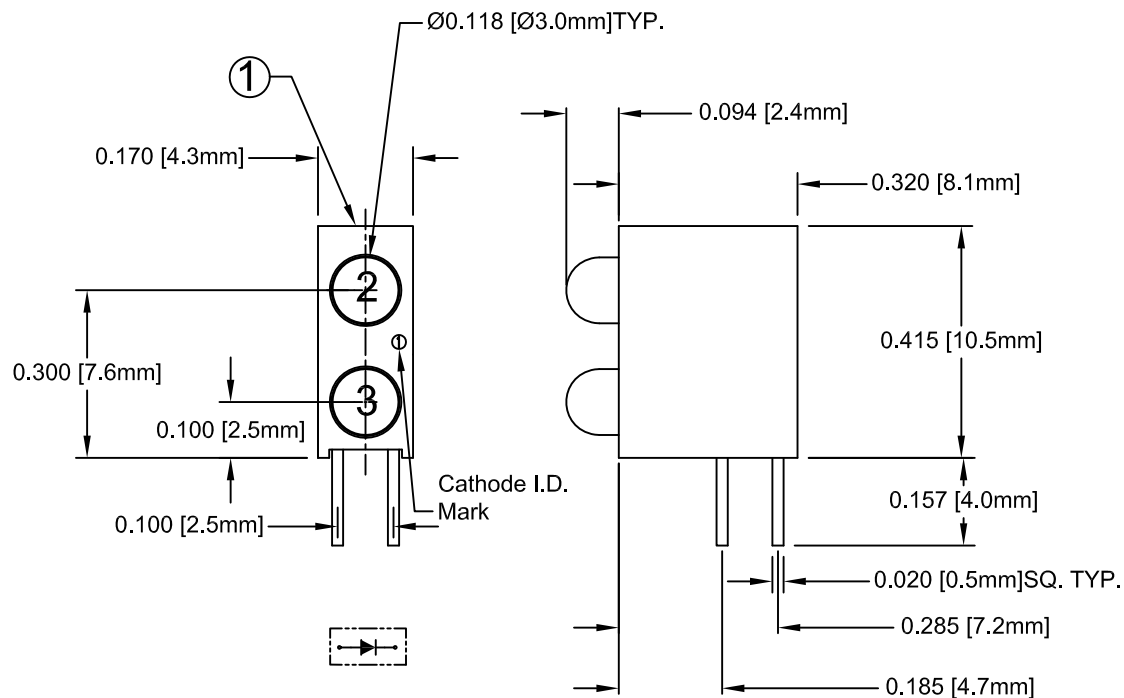


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-301C-1-100	T-1 (3mm) Bi-Level LED Holder, 90° Mount, 100 C/L
2	1	3RD-S	T-1 (3mm) Shouldered LED
3	1	3GD-S	T-1 (3mm) Shouldered LED


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 $\lambda_p$ (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 $\mu$ 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 )			<b>TITLE:</b> T-1 (3mm) 90° Bi-Level
DECIMALS	ANGULAR		
.X $\pm .1$	X° $\pm 1^\circ$		
.XX $\pm .02$			
.XXX $\pm .010$			
DESIGNED: <b>Sonny Dam</b>	DATE: <b>07/11/06</b>	<b>PART NO:</b> H301CRGD-100 <b>REVISION:</b> B	
CHECKED: <b>T. Yin</b>	DATE: <b>07/11/06</b>	<b>CAGE CODE :</b> 32559 <b>SHEET # 1 OF 1</b> <small>CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.</small>	

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