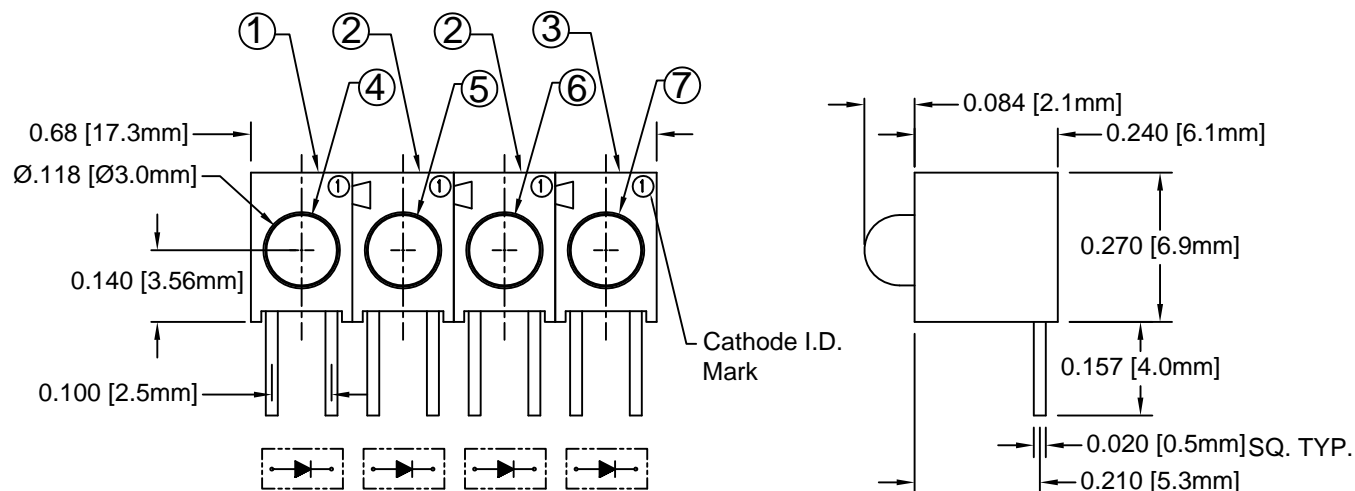
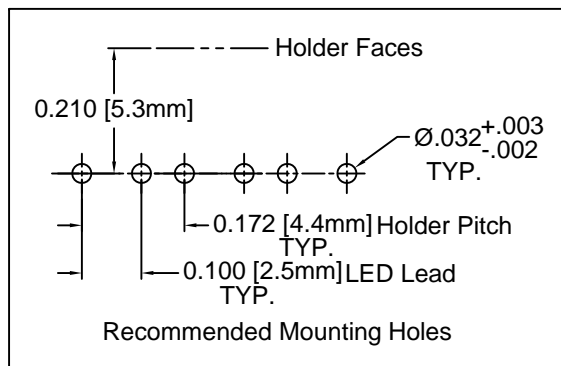


ITEM	QTY	PART NUMBER	PART DESCRIPTION
1	1	H-132C-1-140	T-1 (3mm) LED HOLDER, INTERLOCKING
2	2	H-130C-1-140	T-1 (3mm) LED HOLDER, INTERLOCKING
3	1	H-133C-1-140	T-1 (3mm) LED HOLDER, INTERLOCKING
4	1	3GD-S	T-1 (3mm) Shouldered LED
5	1	3YD-S	T-1 (3mm) Shouldered LED
6	1	3AD-S	T-1 (3mm) Shouldered LED
7	1	3HD-S	T-1 (3mm) Shouldered LED

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	02/28/07	M. C.
B	Corrected Holder Part Numbers	05/15/07	M. C.
C	Corrected Assembly Height	06/22/07	M. C.
D	LED Spec Upgrade	07/10/08	M. C.
E	Engineering Update w/o Changes	06/20/16	J. C.



LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @ 20mA			Viewing Angle 2 $\theta_{1/2}$ (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	
3GD-S	GaP/GaP	568	GREEN	DIFFUSED	30	80	30	150	2.1	2.8	25	40
3YD-S	GaAsP/GaP	590	YELLOW	DIFFUSED	35	85	30	150	2.0	2.8	20	40
3AD-S	GaAsP/GaP	605	AMBER	DIFFUSED	35	80	30	150	2.0	2.8	25	40
3HD-S	GaAsP/GaP	625	HE RED	DIFFUSED	40	80	30	150	2.0	2.8	30	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)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974		
DECIMALS	ANGULAR			
.X $\pm$ .1	X° $\pm$ 1°	 <b>TITLE:</b> T-1 (3mm) LED'S & HOLDER, 90° INTERLOCKED ASSEMBLY	<b>REVISION:</b> E	
.XX $\pm$ .02				<b>PART NO:</b> H134CGYAH-140
.XXX $\pm$ .010				
DESIGNED: <b>D. Beckman</b>	DATE: <b>02/28/07</b>	CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.		
CHECKED: <b>T. Yin</b>	DATE: <b>02/28/07</b>			

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