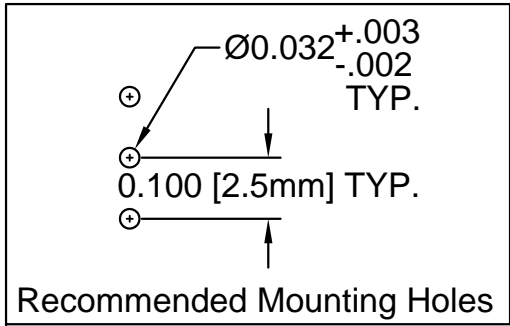
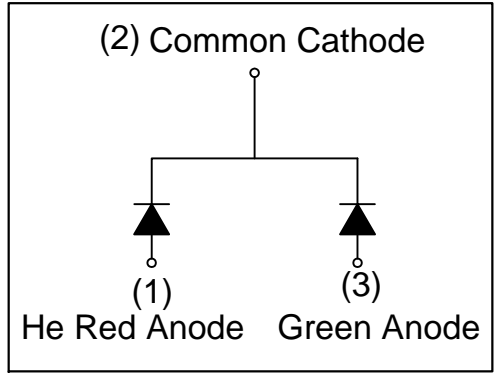
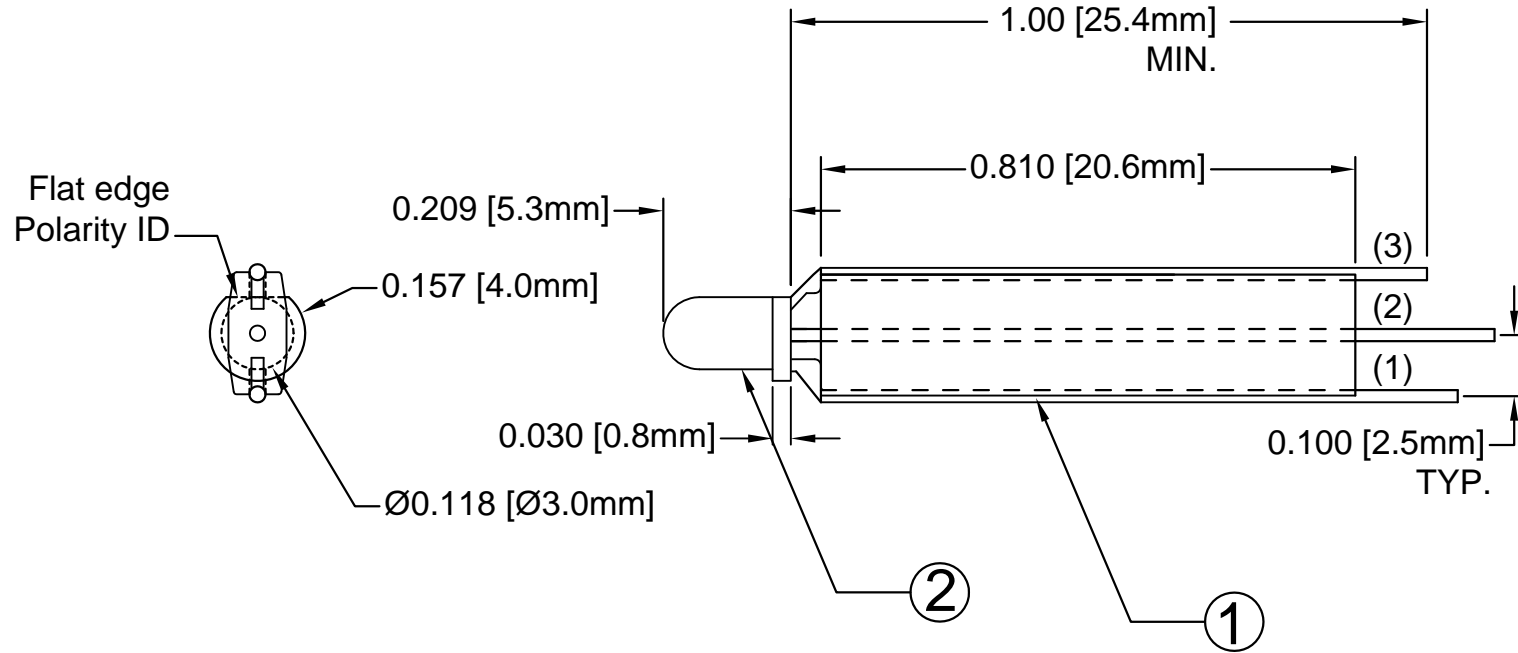


ITEM	QTY	PART NUMBER	PART DESCRIPTION
1	1	ERM 1-810	Extruded, Self-Retaining LED Holder, .810"
2	1	3BC-3-F	T-1 (3mm) Flanged LED, Bi-Color

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	08/09/07	M. C.
B	Updated Lead Lengths.	02/01/08	M. C.
C	Engineering Update w/o Changes	05/25/16	J. C.



LED Part No.	Chip			Lens Appearance	Absolute Max. 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	
3BC-3-F	GaAsP/GaP	635	HE RED	WHITE DIFFUSED	45	80	30	150	2.0	2.6	35.0	40
	GaP/GaP	568	GREEN		30	80	30	150	2.2	2.6	35.0	

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

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

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X $\pm .1$	$X^\circ \pm 1^\circ$		
.XX $\pm .02$			
.XXX $\pm .010$		TITLE: EXTRUDED, SELF-RETAINING LED HOLDER ASSY	
DESIGNED: D. Beckman	DATE: 08/09/07	PART NO: ERM18103BC-3	REVISION: C
CHECKED: T. Yin	DATE: 08/09/07	CAGE CODE : 32559	SHEET # 1 OF 1
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			