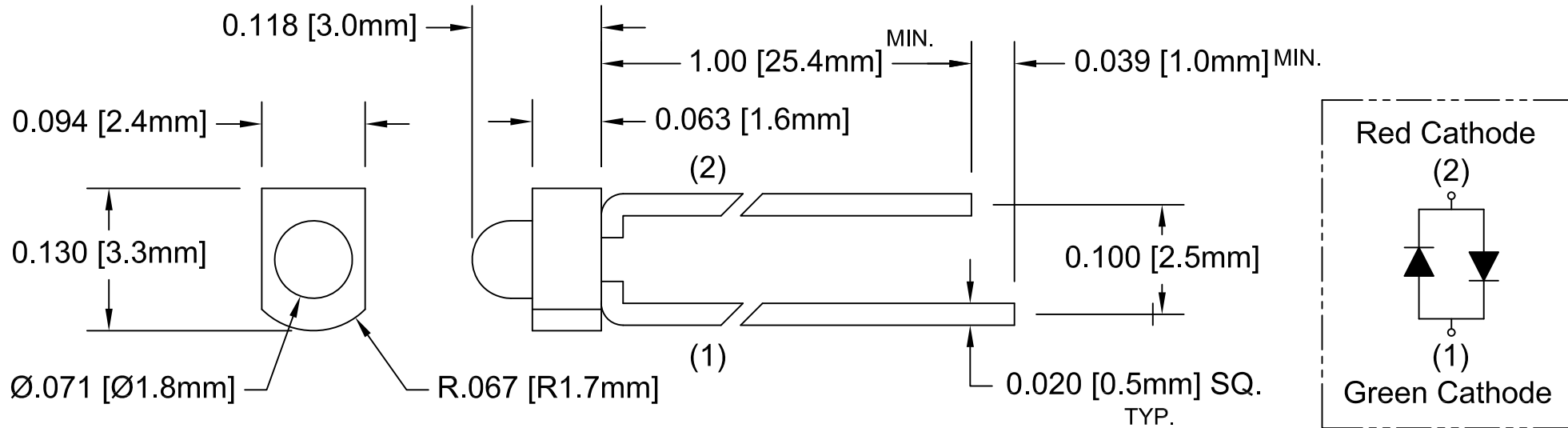


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	07/12/07	M. C.
B	Polarity Callout Update.	10/13/11	M. C.



Recommended Mounting
Hole Size = $\text{Ø}0.032^{+.003}_{-.002}$

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.	
1.8BC	GaAsP/GaP	640	HE RED	WHITE DIFFUSED	45	100	30	150	2.1	2.6	4.0	70
	GaP/GaP	568	GREEN		30	100	30	150	2.2	2.6	4.0	

ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

OPERATING TEMPERATURE RANGE _____ -40°C - 80°C

STORAGE TEMPERATURE _____ -40°C - 85°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 ±.1	X° ± 1°		TITLE: 1.8 SUB-MINIATURE RADIAL LED
.XX ±.01			
.XXX ±.005			
DESIGNED: Dan Beckman	DATE: 07/12/07	PART NO: 1.8BC	REVISION: B
CHECKED: T. Yin	DATE: 07/12/07	CAGE CODE : 32559	SHEET # 1 OF 1

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