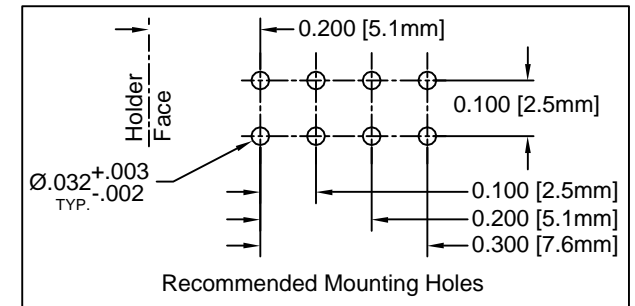
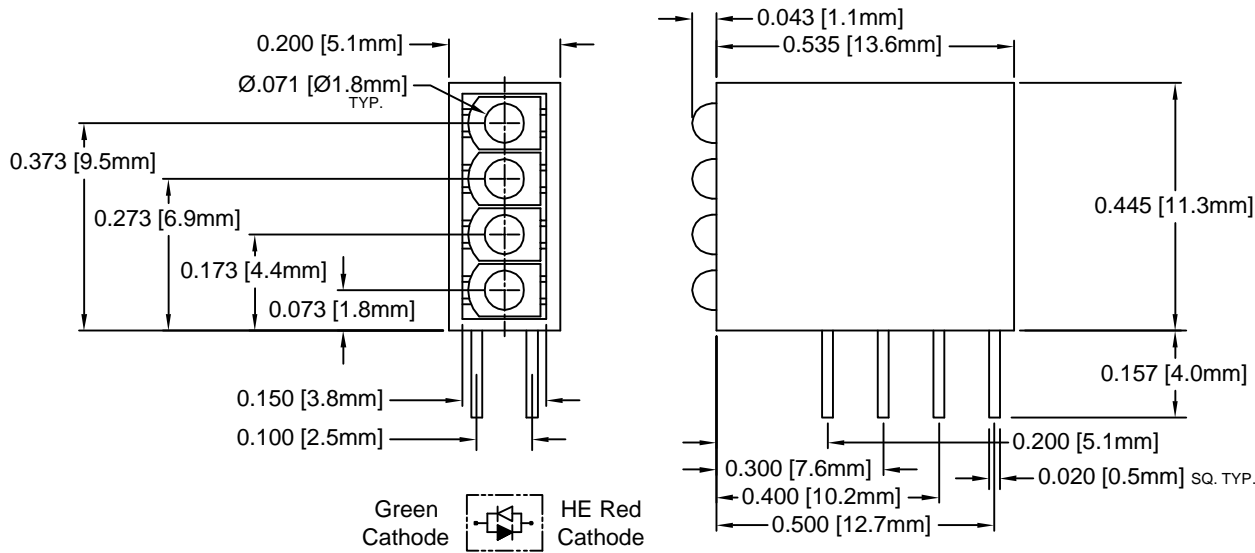


ITEM	QTY	PART NUMBER	PART DESCRIPTION
1	1	H-485C	Quad-Level 90° LED Holder
2	4	1.8BC	1.8 Sub-Miniature Radial LED

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	06/14/04	M. C.



LED Part No.	Chip			Lens Appearance	Absolute Maximum Ratings				Electro-Optical Data @ 20mA			Viewing Angle 2 θ 1/2 (Deg)
	Material	Emitted Color	Peak Wave Length λ_p (nm)		$\Delta\lambda$ (nm)	Pd (mW)	If (Typ.) (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
									Typ.	Max.	Typ.	
1.8BC	GaAsP/GaP	HE RED	635	WHITE DIFFUSED	45	80	30	150	2.0	2.6	4.2	45
	GaP/GaP	GREEN	568		30	80	30	150	2.2	2.6	6.5	

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: 1.8mm QUAD-LEVEL 90° ASSEMBLY PART NO: H485CBC REVISION: A
.XXX \pm .010		
DESIGNED: David Green	DATE: 06/14/04	CAGE CODE : 32559 SHEET # 1 OF 1 CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.
CHECKED: T. Yin	DATE: 06/14/04	