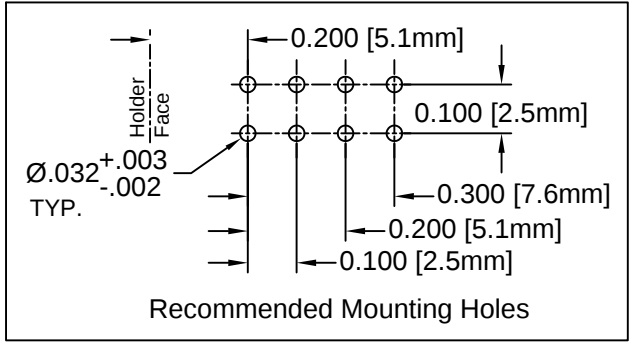
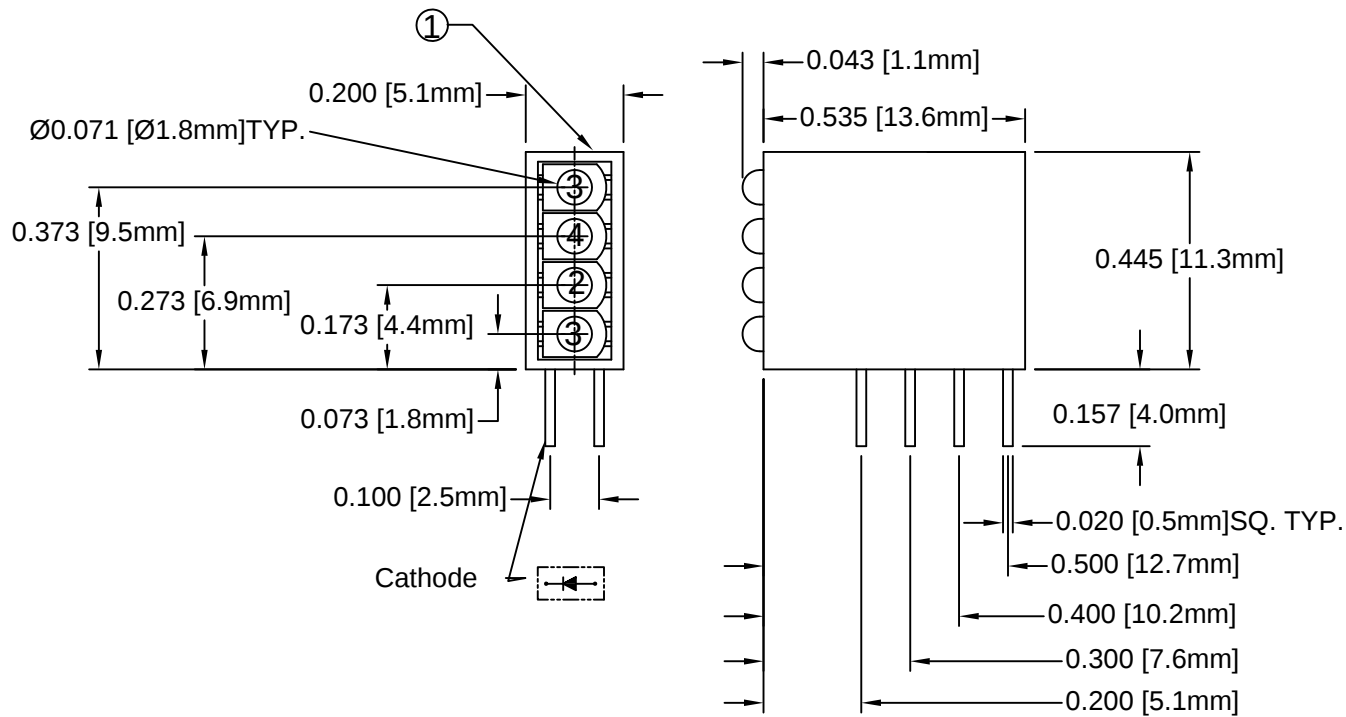


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-485C	Quad-Level Sub-Miniature (1.8mm) LED 90° Holder
2	1	1.8GD	Small Footprint, Radial Lead Orientation (1.8mm)
3	2	1.8YD	Small Footprint, Radial Lead Orientation (1.8mm)
4	1	1.8RD	Small Footprint, Radial Lead Orientation (1.8mm)

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	08/20/09	T. Y.
B	Engineering Update w/o Changes	08/05/16	J. C.



LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @ 20mA			Viewing Angle (Deg)
	Material	Peak Wave Length λp (nm)	Emitted Color		Δλ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
									TYP	MAX	TYP	
1.8GD	GaP/GaP	568	GREEN	DIFFUSED	30	80	30	150	2.1	2.8	20	50
1.8YD	GaAsP/GaP	590	YELLOW	DIFFUSED	35	85	30	150	2.0	2.8	10	50
1.8RD	GaP/GaP	700	RED	DIFFUSED	60	45	20	80	2.1	2.8	2	50

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

REVERSE VOLTAGE _____ 5V
 REVERSE CURRENT (VR=5V) _____ 100μA
 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)

DECIMALS ANGULAR

.X ± .1 X° ± 1°

.XX ± .02

.XXX ± .010

DESIGNED: **R. Paje**

CHECKED: **F. Jensen**

DATE: **08/20/09**

DATE: **08/20/09**

BIVAR[®]

4 THOMAS, IRVINE, CA. 92618

TEL.: (949) 951-8808 FAX: (949) 951-3974

TITLE: Sub-Miniature (1.8mm) 90° Quad-Level LED Assembly, RP

PART NO: H485CYRGYD-RP

CAGE CODE : 32559 **SHEET #** 1 OF 1

REVISION: **B**

CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.