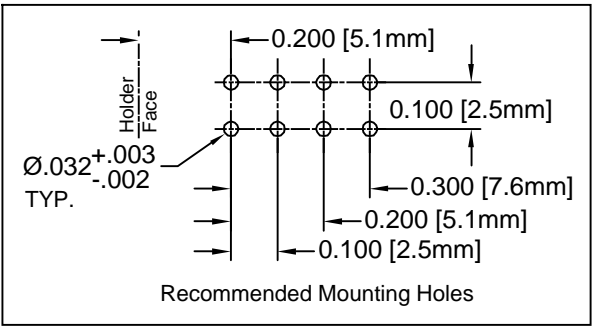
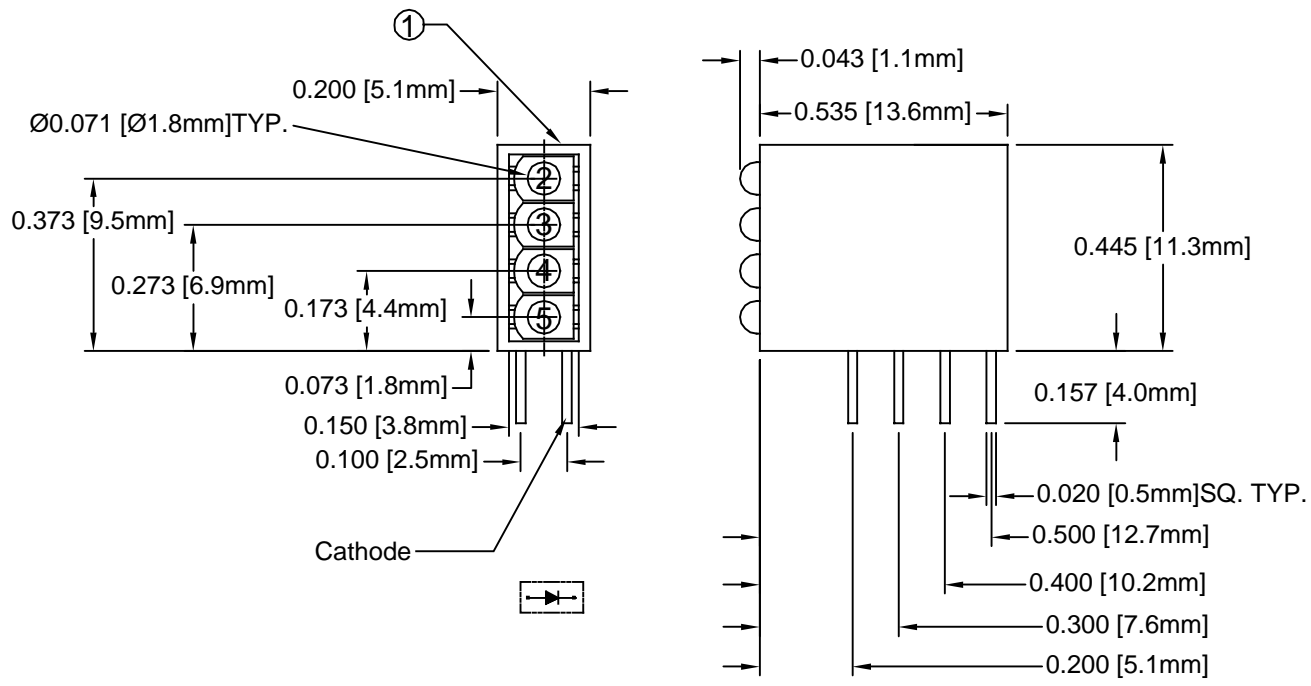


ITEM	QTY	PART NUMBER	PART DESCRIPTION
1	1	H-485C	Quad-Level Sub-Miniature (1.8mm) LED 90° Holder
2	1	1.8GD	Small Footprint, Radial Lead Orientation (1.8mm)
3	1	1.8YD	Small Footprint, Radial Lead Orientation (1.8mm)
4	1	1.8HD	Small Footprint, Radial Lead Orientation (1.8mm)
5	1	1.8BWD	Small Footprint, Radial Lead Orientation (1.8mm)

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	02/13/07	M. C.



LED Part No.	Chip			Lens Appearance	Absolute Maximum 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	565	GREEN	DIFFUSED	30	80	30	150	2.2	2.6	5.0	70
1.8YD	GaAsP/GaP	585	YELLOW	DIFFUSED	35	80	30	150	2.1	2.6	4.5	70
1.8HD	GaAsP/GaP	635	HE RED	DIFFUSED	45	80	30	150	2.0	2.6	5.0	70
1.8BWD	GaN/SiC	430	BLUE	DIFFUSED	65	150	25	70	4.0	4.5	5.0	70

## 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)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ±.1	X° ±1°		
.XX ±.02		 <b>TITLE:</b> Sub-Miniature (1.8mm) 90° Quad-Level LED Assembly	
.XXX ±.010		<b>PART NO:</b> H485CGYHBWD <b>REVISION:</b> A	
DESIGNED: <b>Dan Beckman</b>	DATE: <b>02/13/07</b>	<b>CAGE CODE :</b> 32559 <b>SHEET #</b> 1 <b>OF</b> 1 CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.	
CHECKED: <b>T. Yin</b>	DATE: <b>02/13/07</b>		