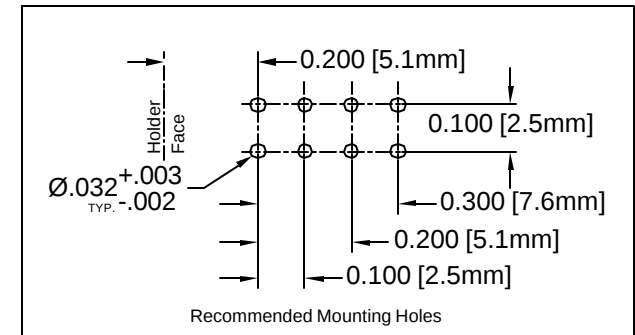
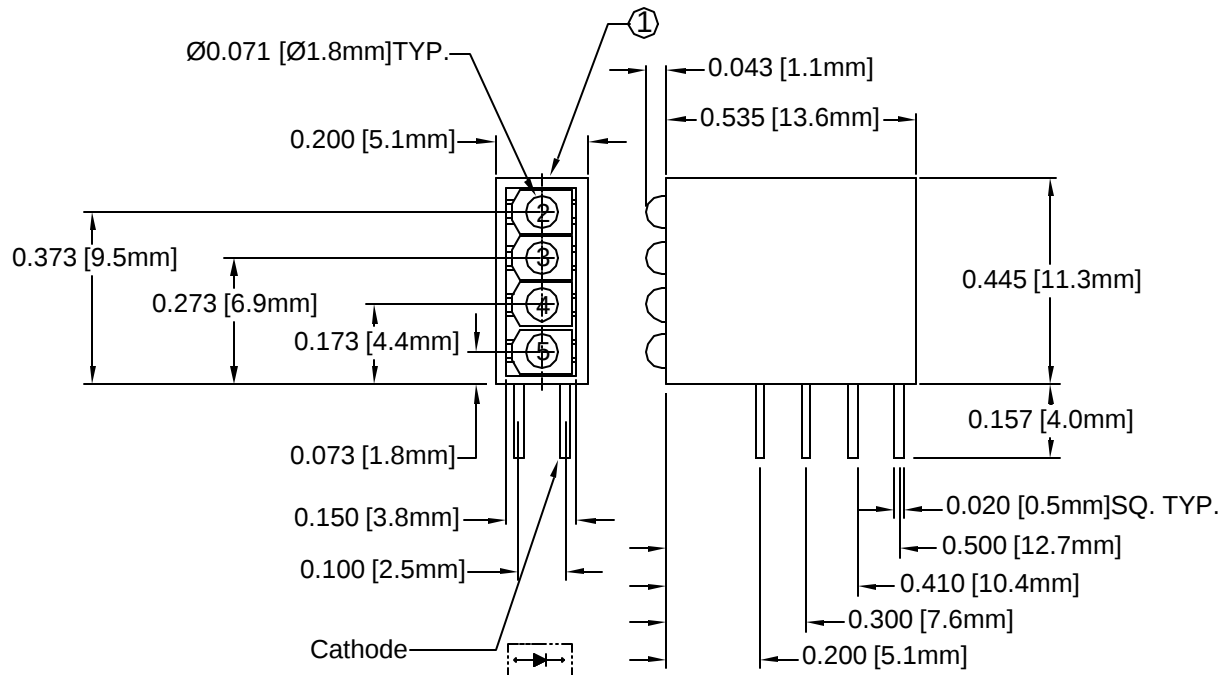


ITEM	QTY	PART NUMBER	PART DESCRIPTION
1	1	H-485C	Quad-Level Sub-Minature (1.8mm) LED 90° Holder
2	1	1.8HD	Sub-Miniature (1.8mm) Radial LED
3	1	1.8YD	Sub-Miniature (1.8mm) Radial LED
4	1	1.8GD	Sub-Miniature (1.8mm) Radial LED
5	1	1.8AD	Sub-Miniature (1.8mm) Radial LED

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	09/20/05	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.	
1.8HD	GaAsP/GaP	635	HE RED	DIFFUSED	45	80	30	150	2.0	2.6	5.0	70
1.8YD	GaAsP/GaP	585	YELLOW	DIFFUSED	35	80	30	150	2.1	2.6	4.5	70
1.8GD	GaP/GaP	565	GREEN	DIFFUSED	30	80	30	150	2.2	2.6	5.0	70
1.8AD	GaAsP/GaP	610	AMBER	DIFFUSED	35	80	30	150	2.2	2.6	4.5	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°	 TITLE: Sub-Miniature (1.8mm) 90° Quad-Level LED Assy	
.XX ±.02			
.XXX ±.010			
DESIGNED: Sonny Dam	DATE: 09/20/05	PART NO: H485CHYGAD	REVISION: A
CHECKED: T. Yin	DATE: 09/20/05	CAGE CODE : 32559	SHEET # 1 OF 1
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			

Mouser Electronics

Authorized Distributor

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BIVAR:

H485CHYGAD