

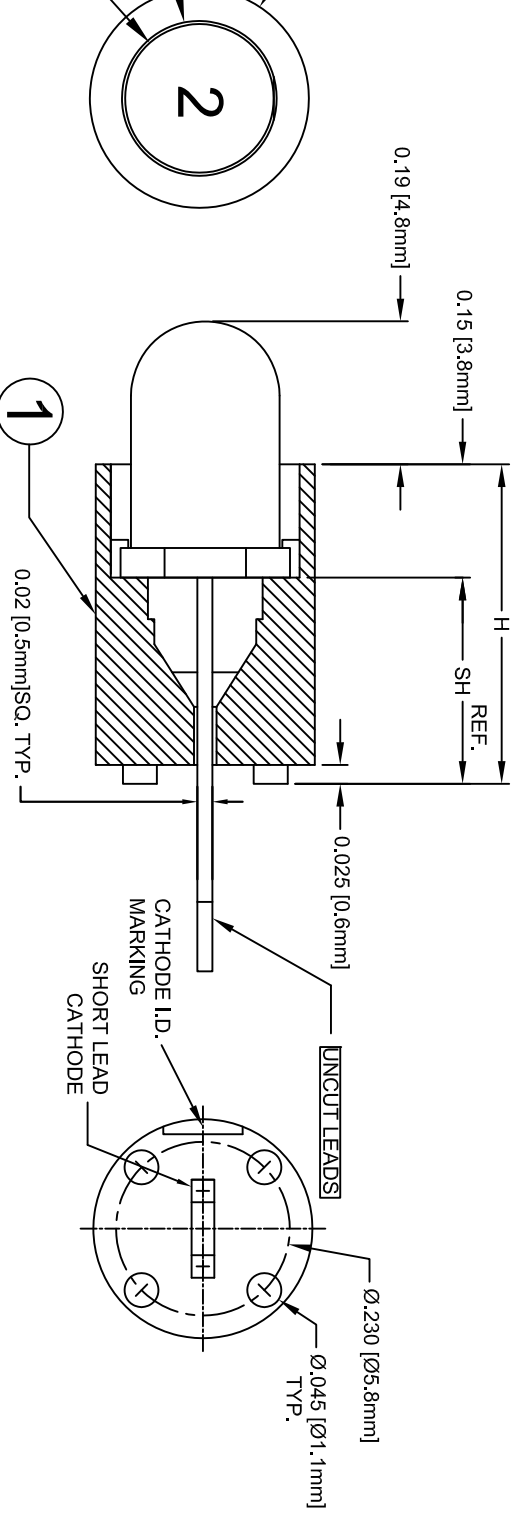


**THE DATASHEET OF  
SLM8305GD5V**



PART DESCRIPTION  
**ded Self-Retaining LED Mount**  
 1/2 (5mm) Flanged LED, 5 Volt

REV.	DESCRIPTION	DATE	APPROVED
<b>A</b>	Engineering Release.	07/16/07	M. C.
<b>B</b>	Updated Uncut Leads.	12/24/08	T. Y.
<b>C</b>	Updated Protrusion.	10/19/09	T. Y.
<b>D</b>	Updated Tolerances.	04/15/13	T. Y.



PART NO.	SH (Ref.)	H
SLM-280	.280 (7.1mm)	.425 (10.8mm)
SLM-290	.290 (7.4mm)	.435 (11.0mm)
SLM-300	.300 (7.6mm)	.445 (11.3mm)
SLM-310	.310 (7.9mm)	.455 (11.6mm)
SLM-320	.320 (8.1mm)	.465 (11.8mm)
SLM-330	.330 (8.4mm)	.475 (12.1mm)
SLM-340	.340 (8.6mm)	.485 (12.3mm)
SLM-350	.350 (8.9mm)	.495 (12.6mm)
SLM-360	.360 (9.1mm)	.505 (12.8mm)
SLM-370	.370 (9.4mm)	.515 (13.1mm)
SLM-380	.380 (9.7mm)	.525 (13.3mm)
SLM-390	.390 (9.9mm)	.535 (13.6mm)
SLM-400	.400 (10.2mm)	.545 (13.8mm)
SLM-410	.410 (10.4mm)	.555 (14.1mm)

PART NO.	SH (Ref.)	H
SLM-420	.420 (10.7mm)	.565 (14.3mm)
SLM-430	.430 (10.9mm)	.575 (14.6mm)
SLM-440	.440 (11.2mm)	.585 (14.9mm)
SLM-450	.450 (11.4mm)	.595 (15.1mm)
SLM-470	.470 (11.9mm)	.615 (15.6mm)
SLM-490	.490 (12.4mm)	.635 (16.1mm)
SLM-510	.510 (13.0mm)	.655 (16.6mm)
SLM-530	.530 (13.5mm)	.675 (17.1mm)
SLM-550	.550 (13.8mm)	.695 (17.5mm)
SLM-570	.570 (14.5mm)	.715 (18.2mm)
SLM-590	.590 (15.0mm)	.735 (18.6mm)
SLM-610	.610 (15.5mm)	.755 (19.2mm)
SLM-630	.630 (16.0mm)	.775 (19.7mm)
SLM-650	.650 (16.5mm)	.795 (20.2mm)

PART NO.	SH (Ref.)	H
SLM-670	.670 (17.0mm)	.815 (20.7mm)
SLM-690	.690 (17.5mm)	.835 (21.2mm)
SLM-710	.710 (18.0mm)	.855 (21.7mm)
SLM-730	.730 (18.5mm)	.875 (22.2mm)
SLM-750	.750 (19.1mm)	.895 (22.7mm)
SLM-770	.770 (19.6mm)	.915 (23.2mm)
SLM-790	.790 (20.1mm)	.935 (23.7mm)
SLM-810	.810 (20.6mm)	.955 (24.3mm)
SLM-830	.830 (21.1mm)	.975 (24.8mm)
SLM-850	.850 (21.6mm)	.995 (25.3mm)
SLM-870	.870 (22.1mm)	1.015 (25.8mm)
SLM-890	.890 (22.6mm)	1.035 (26.3mm)

# MUM RATINGS (Ta = 25°C)

100µA

5V

-25°C ~ 85°C

-30°C ~ 100°C

260°C for 5 Seconds

STANDARD TOLERANCE  
 (UNLESS OTHERWISE SPECIFIED)

DECIMALS

ANGULAR

X ± .1

.XX ± .02

.XXX ± .010

X° ± 1°




4 THOMAS, IRVINE, CA, 92618  
 TEL: (949) 951-8808 FAX: (949) 951-3974

TITLE: MOLDED, SELF-RETAINING LED ASSEMBLY

DESIGNED BY: Dan Beckman	DATE: 07/16/07	PART NO.: SLMXXXX5XX5V	REVISION: D
CHECKED BY: T. Yin	DATE: 07/16/07	CAGE CODE: 32359	SHEET # 1 OF 2
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET#1.		

Chip	Peak Wave Length $\lambda$ (nm)	Emitted Color	Lens Appearance	Absolute Max. Ratings		Electro-Optical Data @ 5V			Viewing Angle $2\theta \frac{1}{2}$ (Deg)	LED Part No.
				If (mA)	Peak If(mA)	Vf (V) MAX	Iv (mcd) TYP			
	430	BLUE	DIFFUSED	8	12	5.0		15	40	5BWD5V-F
	568	GREEN	DIFFUSED	8	12	5.0		25	40	5GD5V-F
	590	YELLOW	DIFFUSED	8	12	5.0		25	40	5YD5V-F
	605	AMBER	DIFFUSED	8	12	5.0		25	40	5AD5V-F
	625	HE RED	DIFFUSED	8	12	5.0		30	40	5HD5V-F
	700	RED	DIFFUSED	8	12	5.0		1.5	40	5RD5V-F

STANDARD TOLERANCE ( UNLESS OTHERWISE SPECIFIED ) $\pm 10\%$ ALL VALUES      ANGULAR				<b>BIVAR</b> <sup>®</sup> 4 THOMAS, IRVINE, CA, 92618 TEL: (949) 951-8808      FAX: (949) 951-3974	
DESIGNED:	DATE:	TITLE:	PART NO.:	REVISION:	
Dan Beckman	07/16/07	Molded Spacer Assembly	SLMXXX5XX5V	D	
CHECKED:	DATE:	CAGE CODE :	SHEET #	2 OF 2	
T. Yin	07/16/07	32559			
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