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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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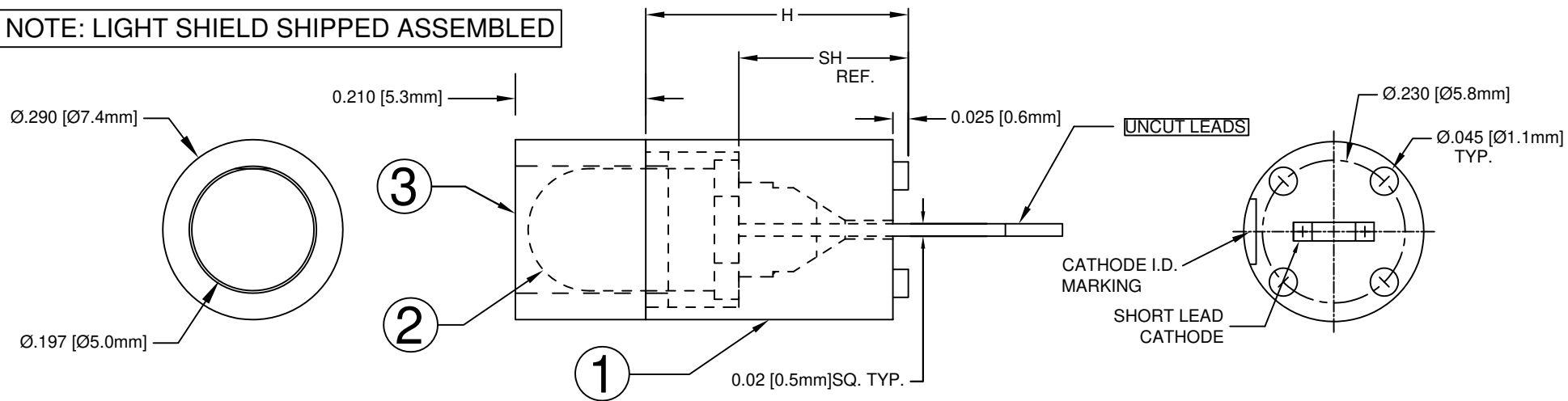
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	SLM-XXX	Molded Self-Retaining LED Mount
2	1	5XX-F	T1 ¾ (5mm) Flanged LED, See Page 2 & 3
3	1	LS-1	Light Shield

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	06/15/10	T. Y.
B	Added Low Current & 5V LED Specs on Page 3	06/26/16	J. C.

NOTE: LIGHT SHIELD SHIPPED ASSEMBLED



PART NO.	SH (Ref.)	H
SLM-140	.140 (3.6mm)	.285 (7.1mm)
SLM-150	.150 (3.8mm)	.295 (7.2mm)
SLM-160	.160 (4.1mm)	.305 (7.7mm)
SLM-170	.170 (4.3mm)	.315 (8.0mm)
SLM-180	.180 (4.6mm)	.325 (8.3mm)
SLM-190	.190 (4.8mm)	.335 (8.5mm)
SLM-200	.200 (5.1mm)	.345 (8.8mm)
SLM-210	.210 (5.3mm)	.355 (9.0mm)
SLM-220	.220 (5.6mm)	.365 (9.3mm)
SLM-230	.230 (5.8mm)	.375 (9.5mm)
SLM-240	.240 (6.1mm)	.385 (9.8mm)
SLM-250	.250 (6.4mm)	.395 (10.0mm)
SLM-260	.260 (6.6mm)	.405 (10.3mm)
SLM-270	.270 (6.9mm)	.415 (10.5mm)

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)

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)		BIVAR®	
DECIMALS	ANGULAR	4 THOMAS, IRVINE, CA. 92618	
.X ± .1	X° ± 1°	TEL: (949) 951-8808 FAX: (949) 951-3974	
.XX ± .02		TITLE: MOLDED, SELF-RETAINING LED ASSEMBLY W/ LIGHT SHIELD	
.XXX ± .010			
DESIGNED: R. Paje	DATE: 06/15/10	PART NO: SLMXXX5XXX-LS	REVISION: B
CHECKED: T. Yin	DATE: 06/15/10	CAGE CODE : 32559	SHEET # 1 OF 3
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

Assy Part No.	Chip			Lens Appearance	Electro-Optical Data			Viewing Angle 2 Θ ½ (Deg)	LED Part No.
	Material	Peak Wave Length λp(nm)	Emitted Color		Vf (V)		Iv (mcd)		
					TYP	MAX	TYP		
STANDARD					Data @ 20mA				
SLMXXX5BWC-LS	GaN/SiC	430	BLUE	WATER CLEAR	4.0	4.5	30	25	5BWC-F
SLMXXX5BWD-LS	GaN/SiC	430	BLUE	DIFFUSED	4.0	4.5	15	40	5BWD-F
SLMXXX5BWT-LS	GaN/SiC	430	BLUE	TINTED	4.0	4.5	30	25	5BWT-F
SLMXXX5PGC-LS	GaP/GaP	555	PURE GREEN	WATER CLEAR	2.2	2.8	10	35	5PGC-F
SLMXXX5PGD-LS	GaP/GaP	555	PURE GREEN	DIFFUSED	2.2	2.8	10	40	5PGD-F
SLMXXX5PGT-LS	GaP/GaP	555	PURE GREEN	TINTED	2.2	2.8	10	35	5PGT-F
SLMXXX5GC-LS	GaP/GaP	568	GREEN	WATER CLEAR	2.1	2.8	40	35	5GC-F
SLMXXX5GD-LS	GaP/GaP	568	GREEN	DIFFUSED	2.1	2.8	25	40	5GD-F
SLMXXX5GT-LS	GaP/GaP	568	GREEN	TINTED	2.1	2.8	40	35	5GT-F
SLMXXX5YC-LS	GaAsP/GaP	590	YELLOW	WATER CLEAR	2.0	2.8	40	35	5YC-F
SLMXXX5YD-LS	GaAsP/GaP	590	YELLOW	DIFFUSED	2.0	2.8	25	40	5YD-F
SLMXXX5YT-LS	GaAsP/GaP	590	YELLOW	TINTED	2.0	2.8	40	35	5YT-F
SLMXXX5HC-LS	GaAsP/GaP	625	HE RED	WATER CLEAR	2.0	2.8	50	35	5HC-F
SLMXXX5HD-LS	GaAsP/GaP	625	HE RED	DIFFUSED	2.0	2.8	40	40	5HD-F
SLMXXX5HT-LS	GaAsP/GaP	625	HE RED	TINTED	2.0	2.8	50	35	5HT-F
SLMXXX5RC-LS	GaP/GaP	700	RED	WATER CLEAR	2.1	2.8	2	35	5RC-F
SLMXXX5RD-LS	GaP/GaP	700	RED	DIFFUSED	2.1	2.8	1.5	40	5RD-F
SLMXXX5RT-LS	GaP/GaP	700	RED	TINTED	2.1	2.8	2	35	5RT-F

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) ±10% ALL VALUES ANGULAR		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
		 TITLE: MOLDED, SELF-RETAINING LED ASSEMBLY W/ LIGHT SHIELD	
DESIGNED: R. Paje	DATE: 06/15/10	PART NO: SLMXXX5XXX-LS	REVISION: B
CHECKED: T. Yin	DATE: 06/15/10	CAGE CODE : 32559	SHEET # 2 OF 3
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REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

Assy Part No.	Chip			Lens Appearance	Electro-Optical Data			Viewing Angle 2 θ ½ (Deg)	LED Part No.
	Material	Peak Wave Length λp(nm)	Emitted Color		Vf (V)		Iv (mcd)		
					TYP	MAX	TYP		
LOW CURRENT					Data @ 2m A				
SLMXXX5BWDL-LS	GaN/SiC	430	BLUE	DIFFUSED	3.8	4.2	4	40	5BWDL-F
SLMXXX5GDL-LS	GaP/GaP	568	GREEN	DIFFUSED	2.1	2.6	4	40	5GDL-F
SLMXXX5YDL-LS	GaAsP/GaP	590	YELLOW	DIFFUSED	2.0	2.6	4	40	5YDL-F
SLMXXX5ADL-LS	GaAsP/GaP	605	AMBER	DIFFUSED	2.0	2.6	4	40	5ADL-F
SLMXXX5HDL-LS	GaAsP/GaP	625	HE RED	DIFFUSED	2.0	2.6	5	40	5HDL-F
SLMXXX5SRDL-LS	GaAlAs/GaAs	645	RED	DIFFUSED	1.7	2.3	6	40	5SRDL-F

Assy Part No.	Chip			Lens Appearance	Electro-Optical Data			Viewing Angle 2 θ ½ (Deg)	LED Part No.
	Material	Peak Wave Length λp(nm)	Emitted Color		Vf (V)		Iv (mcd)		
					TYP	MAX	TYP		
5 VOLT					Data @ 5V				
SLMXXX5BWD5V-LS	GaN/SiC	430	BLUE	DIFFUSED	-	5.0	15	40	5BWD5V-F
SLMXXX5GD5V-LS	GaP/GaP	568	GREEN	DIFFUSED	-	5.0	25	40	5GD5V-F
SLMXXX5YD5V-LS	GaAsP/GaP	590	YELLOW	DIFFUSED	-	5.0	25	40	5YD5V-F
SLMXXX5AD5V-LS	GaAsP/GaP	605	AMBER	DIFFUSED	-	5.0	25	40	5AD5V-F
SLMXXX5HD5V-LS	GaAsP/GaP	625	HE RED	DIFFUSED	-	5.0	30	40	5HD5V-F
SLMXXX5RD5V-LS	GaP/GaP	700	RED	DIFFUSED	-	5.0	1.5	40	5RD5V-F

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) <u>±10% ALL VALUES</u> <u>ANGULAR</u>		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
		TITLE: MOLDED, SELF-RETAINING LED ASSEMBLY W/ LIGHT SHIELD	
DESIGNED: R. Paje	DATE: 06/15/10	PART NO: SLMXXX5XXX-LS	REVISION: B
CHECKED: T. Yin	DATE: 06/15/10	CAGE CODE : 32559	SHEET # 3 OF 3
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