



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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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LISA2-WWW-CLIP

~80° wide beam optimized for LUXEON Rebel.
6.6 mm high variant with clip installation.

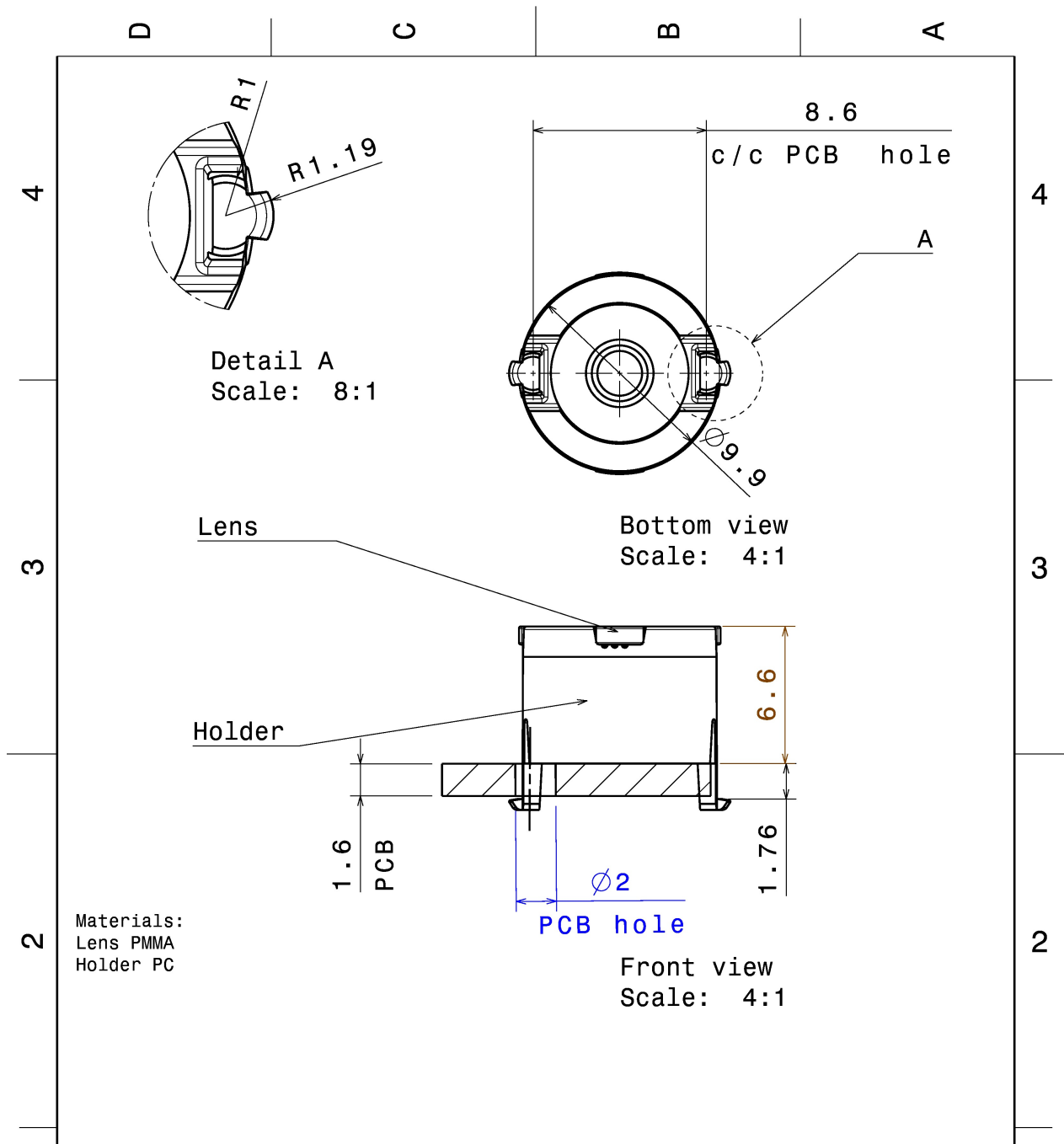
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.6 mm
Fastening	pin
Colour	black
Box size	
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LISA2-WWW	Lens	PMMA	clear
LISA2-HLD-CLIP16-RE	Holder	PC	black



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DRAWING TITLE		Datasheet Lisa2-clip16-Rebel series Assy	
DRAWN BY a	DATE 20.7.2011	SIZE A4	DRAWING NUMBER
CHECKED BY s n	DATE 20.7.2011	SCALE 4:1	REV 2
DESIGNED BY hh	DATE 19.10.2009	WEIGHT (g)	SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel
FWHM 80.0°
Efficiency 79 %
Peak intensity cd/lm
Required components:

NICHIA

LED NCSxx19A
FWHM 76.0°
Efficiency 79 %
Peak intensity 0.470 cd/lm
Required components:

NICHIA

LED NVSxx19A
FWHM 80.0°
Efficiency 79 %
Peak intensity 0.420 cd/lm
Required components:

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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