



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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## LM1-REC

~35° x 25° rectangular beam optimized for CREE MC-E. 14.04 mm high assembly with installation tape.

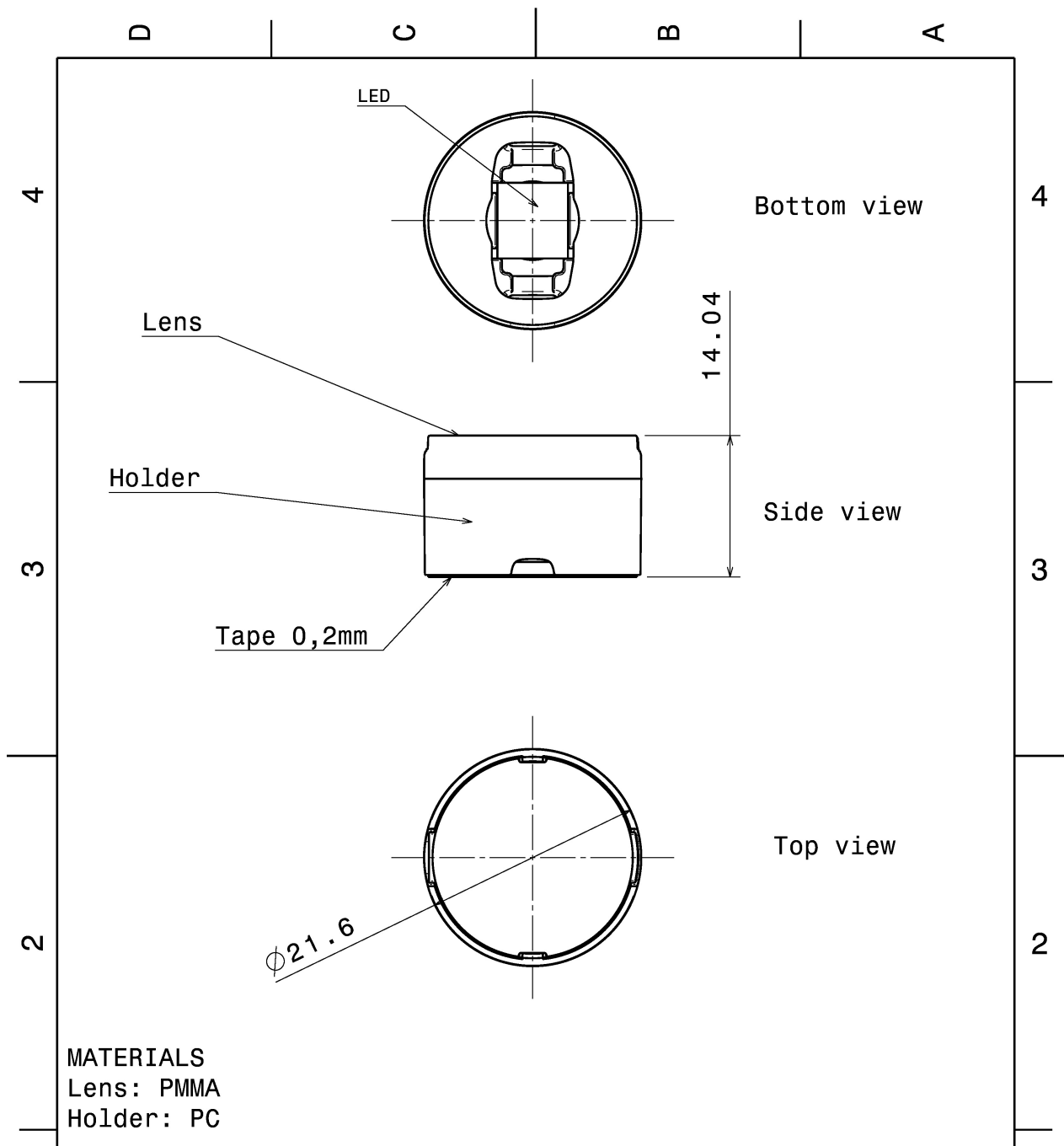
### TECHNICAL SPECIFICATIONS:


Dimensions	Ø 21.6 mm
Height	14 mm
Fastening	tape
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	2160 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LM1-REC	Lens	PMMA	clear
LM-LH1-TAPE-BLK	Holder	PC	black
LEILA-TAPE	Tape	PU tape 0,2mm	black



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DRAWN BY p	DATE 04.11.2008	Datashet LM1-series assy			REV 0.1
CHECKED BY i k	DATE 25.09.2008	SIZE A4	DRAWING NUMBER		REV 0.1
DESIGNED BY HH	DATE 24.07.2008	SCALE 2:1	WEIGHT (g)	-	SHEET 1/1

## PHOTOMETRIC DATA (MEASURED):

**CREE** 

LED	MC-E
FWHM	38.0 + 24.0°
Efficiency	86 %
Peak intensity	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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