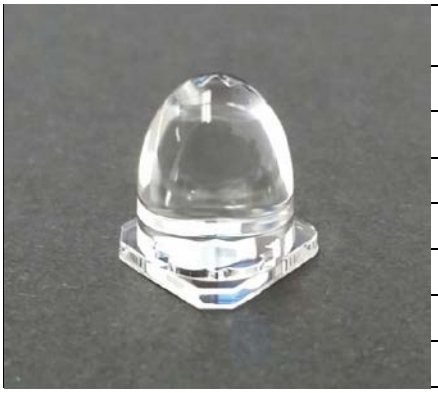
AL-xxM-275

Lens for Nicha NCSU233 Package



AL-10M-275	
Distribution Angle	12°
Base LED	NCSU233
Material	Silicone
Height	10.5mm
Width at Base	10mm
Color	Transparent
Status	Available

AL-30M-275	
Distribution Angle	22°
Base LED	NCSU233
Material	Silicone
Height	9mm
Width at Base	10mm
Color	Transparent
Status	Available

AL-xxM-275

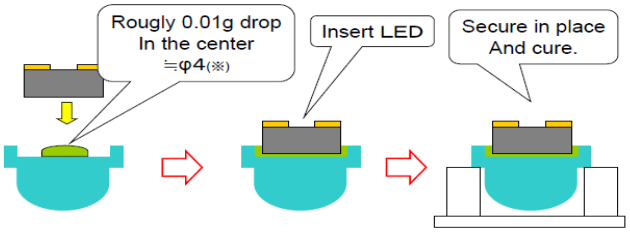
Lens for Nicha NCSU233 Package

Notes:

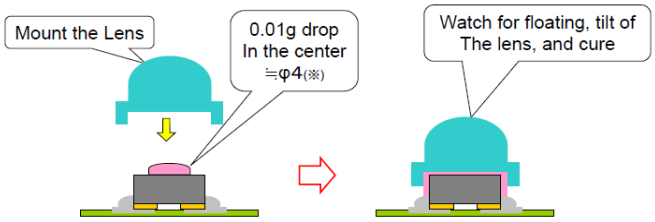
These products are designed with an optimized balance of high radiant output, even distribution, and a small form factor, designed to be used with NCSU233 package LEDs.

Attachment:

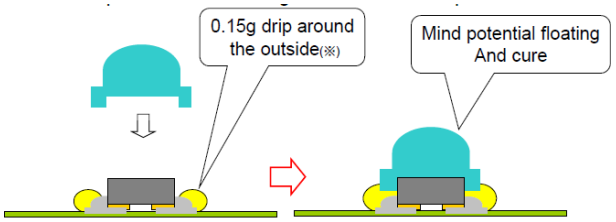
These lenses are not self-adhesive and must be attached using some type of adhesive or mechanical attachment. Some possible methods of adhesion are detailed below.



1)Attach LED to Lens before soldering to PCB. Invert, and use a silicone adhesive for optimal optical properties, and to avoid yellowing during any curing or soldering processes.



2)Attach LED to Lens following soldering to PCB. Once again, use a silicone adhesive for optimal optical properties.



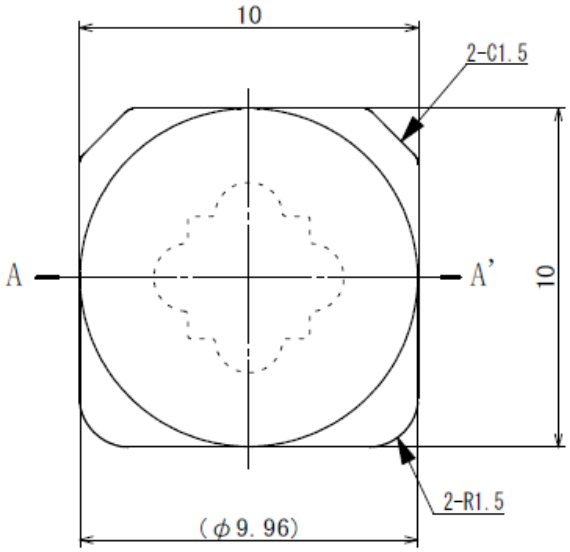
3) Attach the lens to the LED surrounding the PCB. The composition of the adhesive in this case is less critical as long as adhesion is achieved.

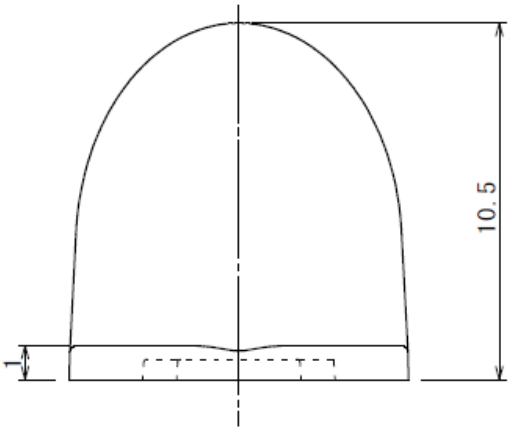
Note: Different adhesives can lend slightly different optical properties to the lens+LED Assembly. Please contact a sales representative for a list of recommended adhesives.

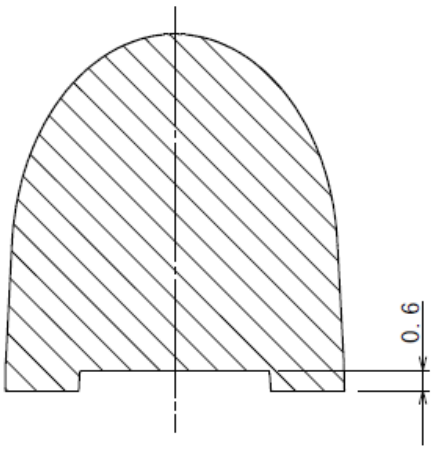
SPECIFICATIONS <仕様図> / REFERENCE <参考図>	SURFACE TREATMENT <表面処理>	SYM	DATE	REVISION	REVR	APPR
	HEAT TREATMENT <熱処理>	1 ×				
	FINISH <仕上げ>	2 ×				
		3 ×				

CAD 2RD

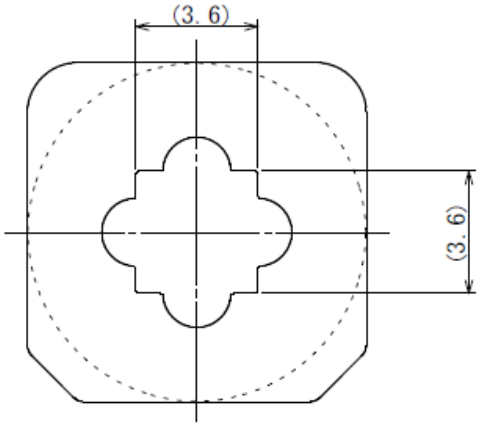
Drawing Paper for Rubber Parts







A-A'断面



NOTE)

- Dimensional Tolerance ±0.1
- Recommended LED Sise 3.5 ×3.5

TOLERANCE UNLESS SPECIFIED			
RANGE	A	B	C
LESS THAN 6	±0.2	±0.1	±0.1
OVER 6 TO 20	±0.3	±0.2	±0.1
OVER 20 TO 50	±0.5	±0.3	±0.2
OVER 50 TO 100	±1.0	±0.5	±0.3
OVER 100 TO 300	±2.0	±1.0	±0.5
OVER 300 TO 500	±5.0	±2.5	±1.0
ANGLE	±2°		

ORIGINAL DATE	2013/04/27
SCALE	5:1
UNIT	mm
SIZE	A4
3RD ANGLE SYSTEM	
MATERIAL (COMPOUND)	Dimethyl Silicone
COLOR	Transparency
HARDNESS	(A80)

ASAHI RUBBER INC.
株式会社朝日ラバー

TITLE	AL-10M-275
DRAWING NO.	13042703M

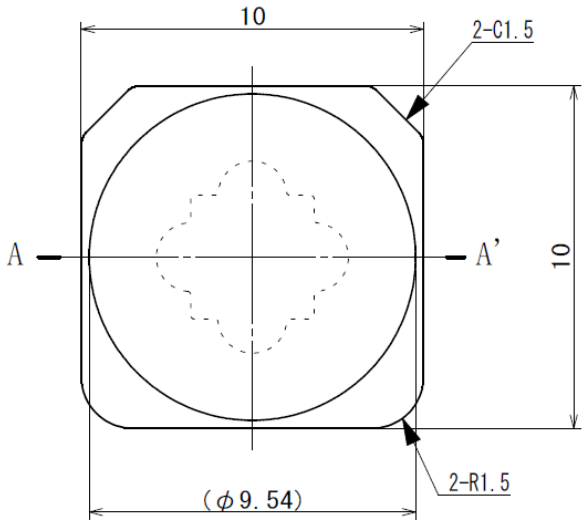
DESIGN	DRAWN	CHECKED	APPROVED
T.Motoyanagi	T.Motoyanagi	T.Kanahira	M.Tasaki

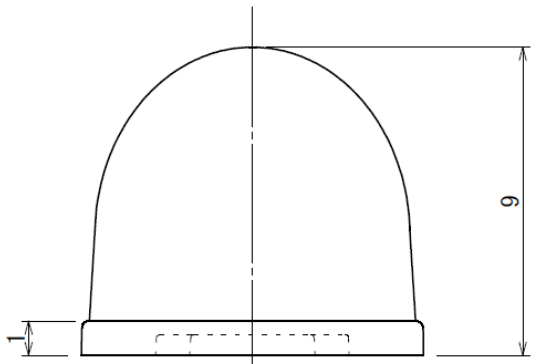
A4VT-031112

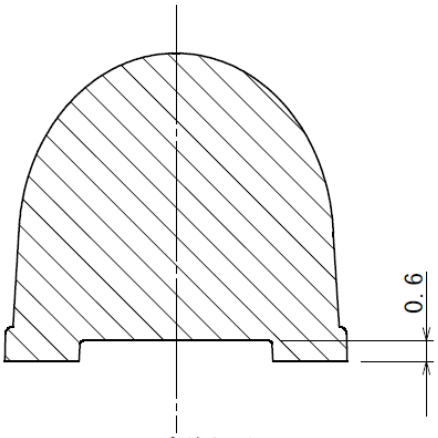
○	SPECIFICATIONS <仕様図>	SURFACE TREATMENT <表面処理>	SYM	DATE	REVISION	REVR	APPR
	REFERENCE <参考図>	HEAT TREATMENT <熱処理>	1 ×				
		FINISH <仕上げ>	2 ×				
			3 ×				

CAD ZRD

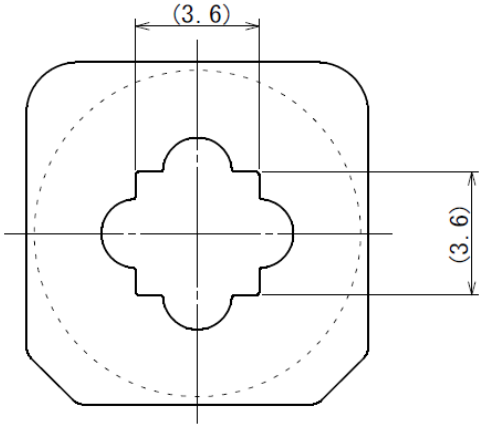
Drawing Paper for Rubber Parts







A-A' 断面



NOTE)

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OVER 100 TO 300	±2.0	±1.0	±0.5
OVER 300 TO 500	±5.0	±2.5	±1.0
ANGLE	±2°		

ORIGINAL DATE	2013/04/27
SCALE	5:1
UNIT	mm
SIZE	A4
3RD ANGLE SYSTEM	

MATERIAL (COMPOUND)	Dimethyl Silicone
COLOR	Transparency
HARDNESS	(A80)

ASAHI RUBBER INC.
株式会社朝日ラバー

TITLE	AL-30M-275
DRAWING NO.	13042702M

DESIGN	DRAWN	CHECKED	APPROVED
T.Motoyanagi	T.Motoyanagi	T.Kanahira	M.Tasaki

A4VT-031112

Distribution Data