

Customer's name :

Specification No. : Ref.CE-P680 03/10

Specifications sheet for approval

Product name : L250-HOLDER

Parts No. : 914-A00680

Page No.

page	item	drawing No.
1	Drawing	AL2-041-02
2	Packing specification	
3	Physical properties	

Approval Signature

CITIZEN ELECTRONICS CO.,LTD

1-23-1,Kami-Kurechi,Fujiyoshida-shi,
Yamanashi-Ken 403-0001,JAPAN

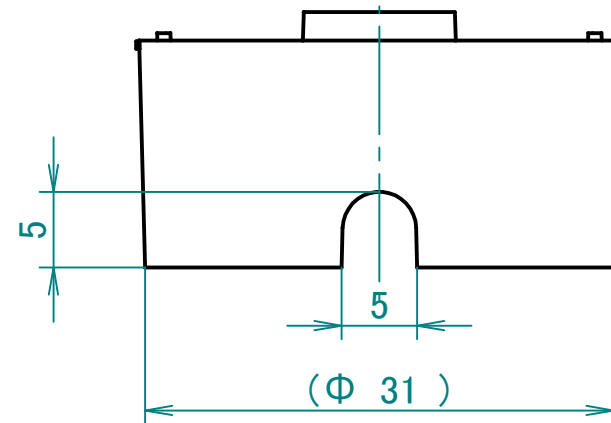
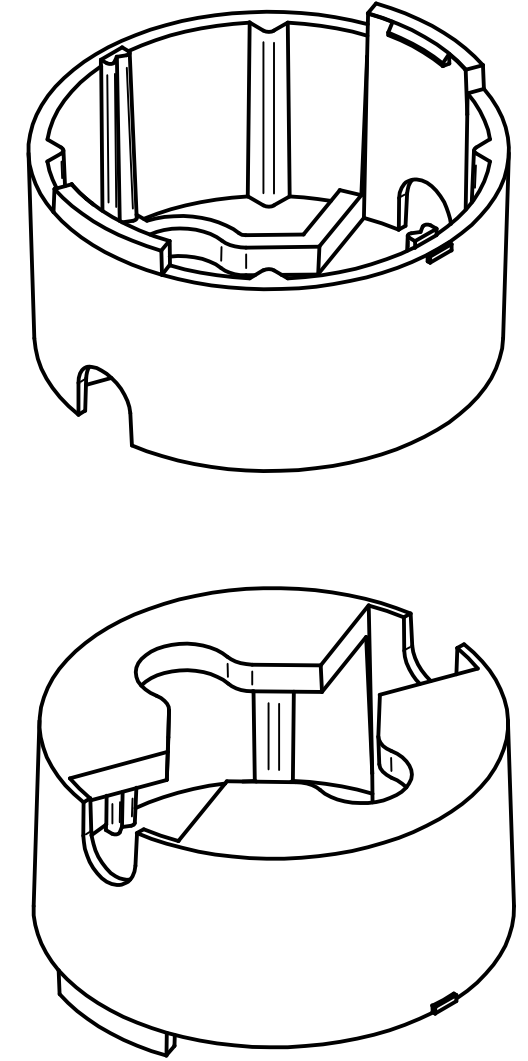
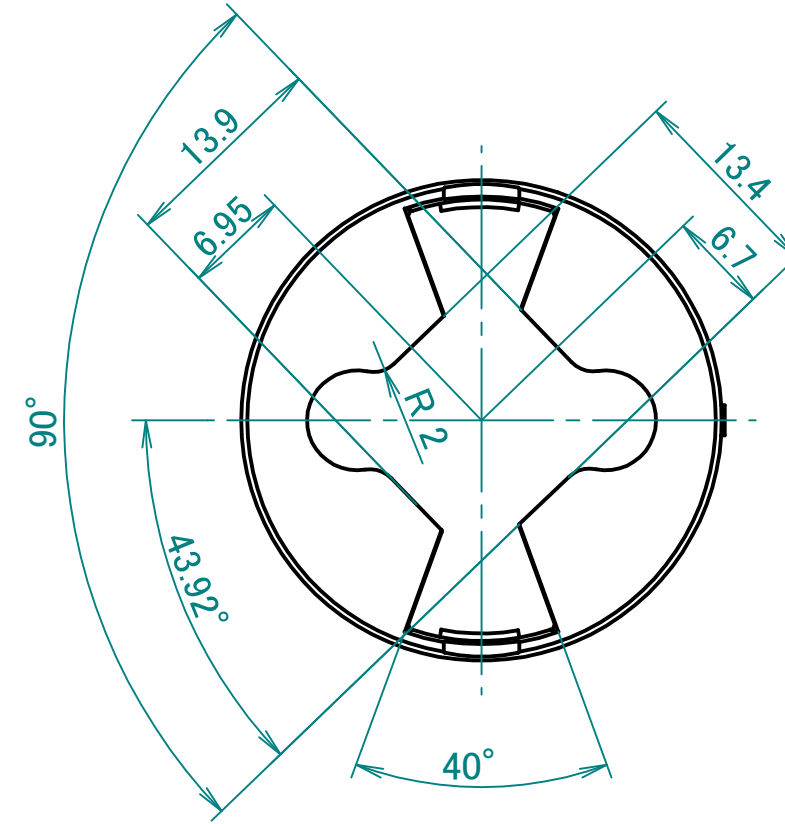
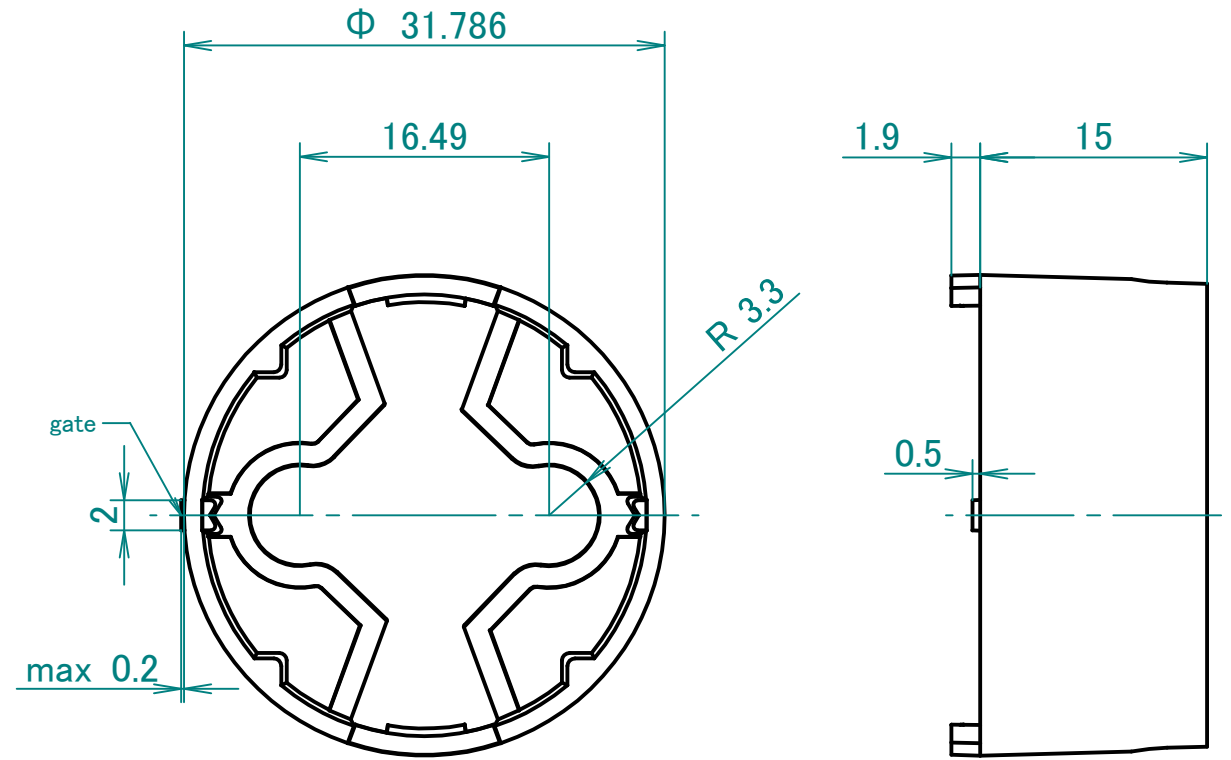
Tel : (0555)23-4121

Fax : (0555)24-2426

Sales department				
Approved	Checked		Drawn	

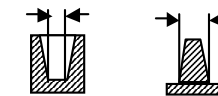
GQP-0013-F03-3
(SGP-0013-F05-0)

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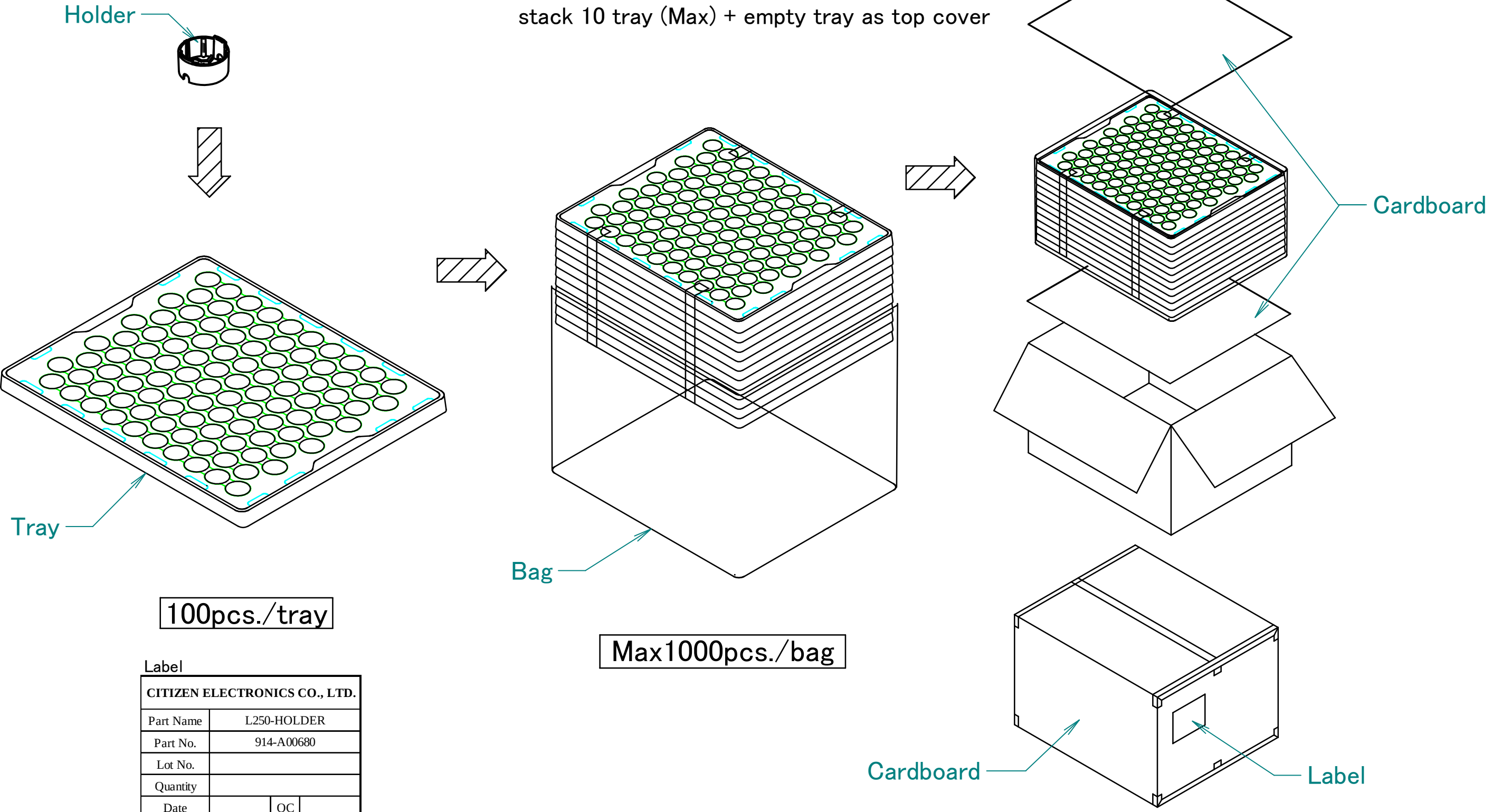
Remarks

- 1 This drawing for Citizen Electronics Co., LTD. : CL-L250 series only
- 2 Material: PC
- 3 Color: Black
- 4 The angle R without directions is set to 0.2.
- 5 No scratches, stain, etc allows.
- 6 Dimension is based on as follows.



LIMITS UNLESS OTHERWISE NOTE					6			General tolerances				Symbol	L250-HOLDER		
		★			5			Dimensions	refer leftward table			Name	HOLDER		
$L \leq 6$	± 0.05	± 0.1	± 0.2	± 0.3	4			Angles	refer leftward table			Part No.	914-A00680		
$6 < L \leq 18$	± 0.08	± 0.2	± 0.3	± 0.5	3			Alternation					Drawin No.	4L2-041-02	
$18 < L \leq 50$	± 0.1	± 0.3	± 0.5	± 1.0	2			Drawn	K.Matsuyama				Date	2009.07.14	
$50 < L \leq 120$	± 0.18	± 0.45	± 0.8	± 1.5	1			Checked	K.Sasuga						
$120 < L \leq 400$	± 0.28	± 0.7	± 1.2	± 2.0		09.12.03	full-fledged revision	Approved	K.Funakubo						
Angle	$\pm 1^\circ$				Mark	Date	Description	Appro.	Scale	2 / 1		Unit	mm		
CITIZEN ELECTRONICS Co.,ltd															

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Label

CITIZEN ELECTRONICS CO., LTD.			
Part Name	L250-HOLDER		
Part No.	914-A00680		
Lot No.			
Quantity			
Date		QC	

arbitrary size

△7			General tolerances		Symbol	L250-HOLDER	
△6			Dimensions		Name	packing specification	
△5			Angles		Part No.		
△4			Alternation		Drawn No.		
△3			Drawn	K.Matsuyama	Date	2010/01/13	⊕
△2			Checked	K.Sasuga	CITIZEN ELECTRONICS Co.,ltd		
△1			Approved	K.Funakubo			
Mark	Date	Description	Appr.	Scale	free /	Unit	mm

PHYSICAL PROPERTIES

Property	Test Method	Condition	Unit	
<i>Mechanical</i>				
Tensile strength at yield	ASTM D 638	50mm/min	MPa	62
Tensile strength at break	ASTM D 638	50mm/min	MPa	68
Tensile strain at yield	ASTM D 638	50mm/min	%	7
Tensile strain at break	ASTM D 638	50mm/min	%	130
Flexual modulus	ASTM D 790	1.3mm/min, 50mm span	MPa	2340
Flexual strength at yield	ASTM D 790	1.3mm/min, 50mm span	MPa	96
Izot impact	ASTM D 4812	unnotched	J/m	3204
	ASTM D 256	notched	J/m	801
Rockwell hardness	ASTM D 785	M scale	–	70
<i>Thermal</i>				
Heat deflection temperature 6.4mm, unannealed	ASTM D 648	1.82MPa	°C	132
		0.45MPa	°C	137
Vicat softening point	ASTM D 1525	B/50	°C	154
Melt flow rate	ASTM D 1236	300°C/1.2kgf	g/10min	10.5
<i>Electrical</i>				
Volume resistivity	ASTM D 257	–	Ω m	>10 ¹⁷
Dielectric strength	ASTM D 149	in air, 3.2mm	kV/mm	14.9
Relative permittivity	ASTM D 150	50/60Hz	–	3.17
		1MHz	–	2.96
Dissipation factor	ASTM D 150	50/60Hz	–	0.0009
		1MHz	–	0.01
<i>Other</i>				
Density	ASTM D 792	–	g/cm ³	1.19
Water absorption	ASTM D 570	24h	%	0.15
		23°C/equilibrium	%	0.35
Flammability	UL94	–	class	HB

*Values reported are typical and should not be used for specification purpose.