

PARA LIGHT ELECTRONICS CO., LTD.

11F., No. 8, Jiankang Rd., Zhonghe Dist., New Taipei City 235, TaiwanTel: 886-2-2225-3733Fax: 886-2-2225-4800E-mail: para@para.com.twhttp:// www.paralighttaiwan.com

# DATA SHEET

# PART NO.: LHA14313-HTS

REV: <u>A/1</u>

CUSTOMER'S APPROVAL :

DCC :

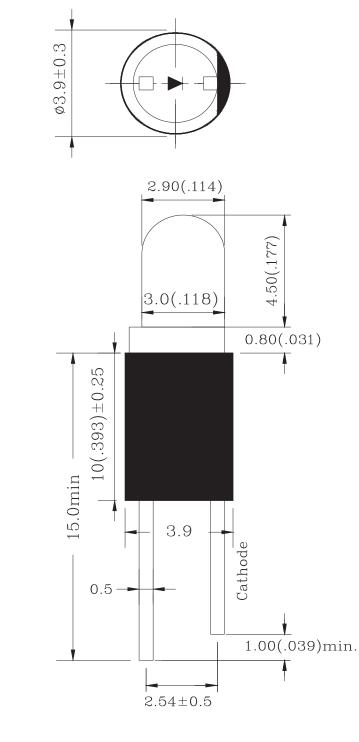
DRAWING NO. : DS-60-18-0111

DATE : 2019-6-14

#### LHA14313-HTS

#### REV:A/1

#### PACKAGE DIMENSIONS



ITEM	MATERIALS
RESIN	Epoxy Resin
LEAD FRAME	Sn Plating iron Alloy

#### Note:

- 1.All Dimensions are in millimeters.
- 2.Tolerance is ±0.25mm(0.010 ") Unless otherwise specified.
- 3.Protruded resin under flange is 1.5mm(0.059 ") max.
- 4. highlight <-400V the led can withstand the max static level when assembling or operation (HBM)
- 5. A= L3X4GD-A-HTS

DRAWING NO. : DS-60-18-0111

DATE : 2019-6-14



# PARA ight

## 3.0 mm DIA LED LAMP WITH LE40210-0 HOLDER

#### LHA14313-HTS

REV:A/1

#### FEATURES

- \* High-brightness
- \* High reliability
- \* Low-voltage characteristics
- \* Narrow view angle
- \* Pb FREE Products
- \* RoHS Compliant

#### CHIP MATERIALS

- \* Dice Material : AlGaInP/GaAs
- \* Light Color : Yellow Green
- \* Lens Color : Green Diffused

#### ABSOLUTE MAXIMUM RATING : ( Ta = 25°C )

SYMBOL	DESCRIPTION	Yellow Green	UNIT
PD	Power Dissipation Per Chip	85	mW
VR	Reverse Voltage Per Chip	5	V
lf	Average Forward Current Per Chip	30	mA
IFP	Pulse Forward Current	120	mA
-	Derating Linear From 25°C Per Chip	0.40	mA/°C
Topr	Operating Temperature Range	-40°C t	o 85°C
Tstg	Storage Temperature Range	-40°C t	o 85°C

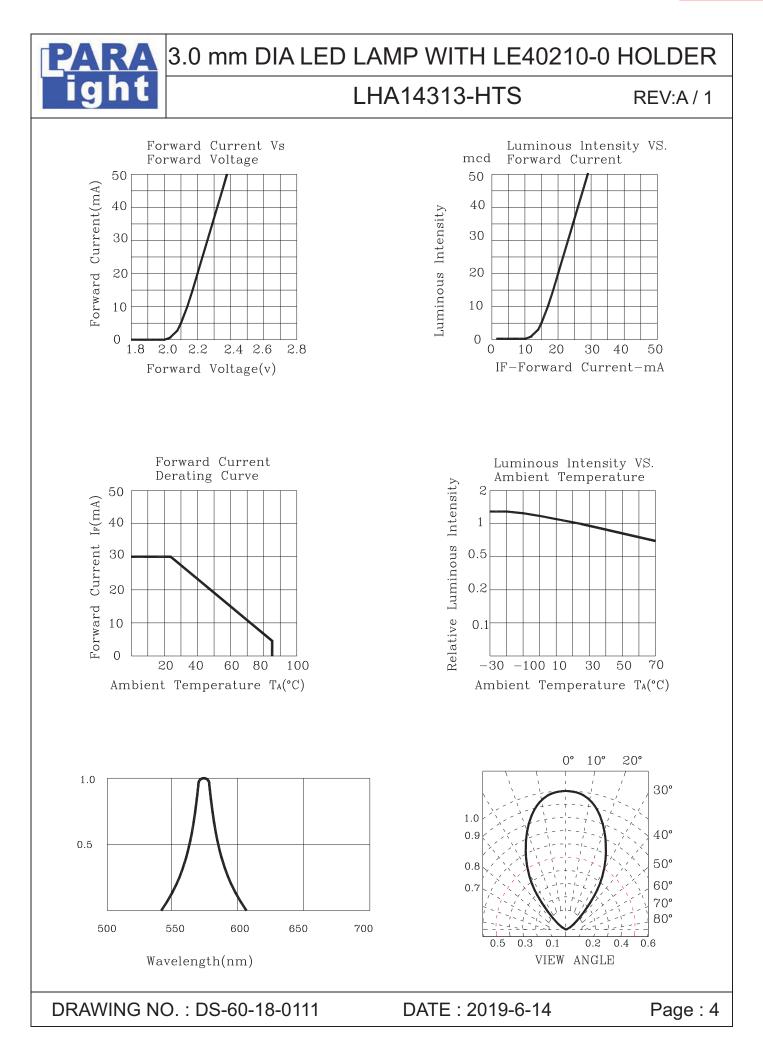
#### ELECTRO-OPTICAL CHARACTERISTICS : ( Ta = 25°C )

SYMBOL	DESCRIPTION	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
VF	Forward Voltage	IF = 20mA	1.8	2.2	2.8	V
IR	Reverse Current	VR = 5V			100	μA
λD	Dominant Wavelength	IF = 20mA	566	572	576	nm
Δλ	Spectral Line Half-Width	IF = 20mA		30		nm
201/2	Half Intensity Angle	IF = 20mA		60		deg
١v	Luminous Intensity	IF = 20mA	7.7	20	41.3	mcd

DRAWING NO. : DS-60-18-0111

DATE : 2019-6-14





#### LHA14313-HTS

REV:A/1

#### Label Explanation

RA

Igh

PAR igh			子股分有 T ELECTRONI	
PARA	NO.	•		
LOT	NO.	•		INSPECTED
BIN		•		
Q'	ΤY	•	PCS	
N. W		•	g	

#### PARA NO. : LHA14313-HTS Refer to page 13

LOT NO.: E L L 4 7 0009 A B C D E F

A----E: For series number

B---L: Local F: Foreign

- C---L: LAMP
- D----Year
- E---Month

F--- Serial number

N'W : Net Weight

DATE : 2019-6-14



# PARA ight

## 3.0 mm DIA LED LAMP WITH LE40210-0 HOLDER

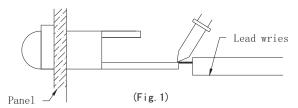
#### LHA14313-HTS

REV:A/1

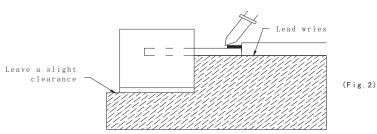
#### •SOLDERING

METHOD	SOLDERING CONDITIONS	REMARK
DIP SOLDERING	Bath temperature: 265℃ MAX Immersion time: with 10 sec , 1time	<ul> <li>Solder no closer than 3mm from the base of the package</li> <li>Using soldering flux," RESIN FLUX"</li> </ul>
Preheat Temperature	Preheat temperature:100-130 sec( 105 c max)	<ul><li>is recommended.</li><li>Attached data of temperatuare cure for your reference</li></ul>
SOLDERING IRON	Soldering iron: 30W or smaller Temperature at tip of iron: 380℃ or lower Soldering time: within 10 sec.	<ul> <li>During soldering, take care not to press the tip of iron against the lead.</li> <li>(To prevent heat from being transferred directly to the lead, hold the lead with a pair of tweezers while soldering</li> </ul>
1) When solderi	ng the lead of LED in a condition that the	package is fixed with a panel (See Fig.1)

be careful not to stress the leads with iron tip.



2) When soldering wire to the lead, work with a Fig (See Fig.2) to avoid stressing the package.



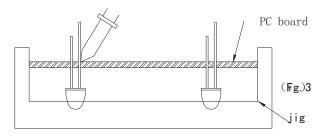
Regarding solution in the tinning oven for product-tinning, compound sub-solution made of tin & copper and sliver is proposed with the temperature of Celsius 260. The proportion of the alloyed solution is tin 95.5: copper 3.5: silver 0.5 by percentage. The time of tinning is constantly 3 seconds.

DATE : 2019-6-14

#### LHA14313-HTS

#### REV:A/1

3) Similarly, when a jig is used to solder the LED to PC board, take care as much as possible to avoid steering the leads (See Fig.3).



- 4) Repositioning after soldering should be avoided as much as possible. If inevitable, be sure to preserve the soldering conditions with irons stated above: select a best-suited method that assures the least stress to the LED.
- Lead cutting after soldering should be performed only after the LED temperature has returned to normal temperature.

#### • STORAGE

0

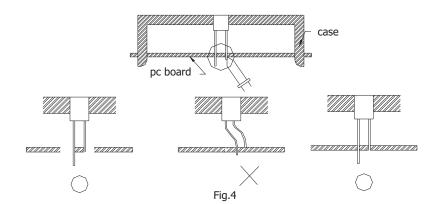
- 1) The LEDs should be stored at  $30^{\circ}$ C or less and 70% RH or less after being shipped from PARA and the storage life limit is 3 months .
- 2) PARA LED lead frames are comprised of a stannum plated iron alloy. The silver surface may be affected by environments which contain corrosive gases and so on. Please avoid conditions which may cause the LEDs to corrode, tarnish or discolor. This corrosion or discoloration may cause difficulty during soldering operations. It is recommended that the LEDs be used as soon as possible.
- Please avoid rapid transitions in ambient temperature, especially, in high humidity environments where condensation can occur.



# PARA<br/>Ight3.0 mm DIA LED LAMP WITH LE40210-0 HOLDER<br/>LHA14313-HTSREV:A / 1

#### •LED MOUNTING METHOD

4) When mounting the LED by using a case, as shown Fig.4, ensure that the mounting holds on the PC board match the pitch of the leads correctly-tolerance of dimensions of the respective components including the LED should be taken into account especially when designing the case, PC board, etc. to prevent pitch misalignment between the leads and board holes, the diameter of the board holes should be slightly larger than the size of the lead. Alternatively, the shape of the holes should be made oval. (See Fig.4)



5) Use LEDs with stand-off (Fig.5) or the tube or spacer made of resin (Fig.6) to position the LEDs.

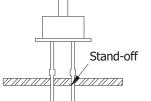
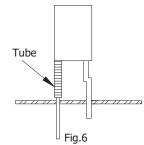
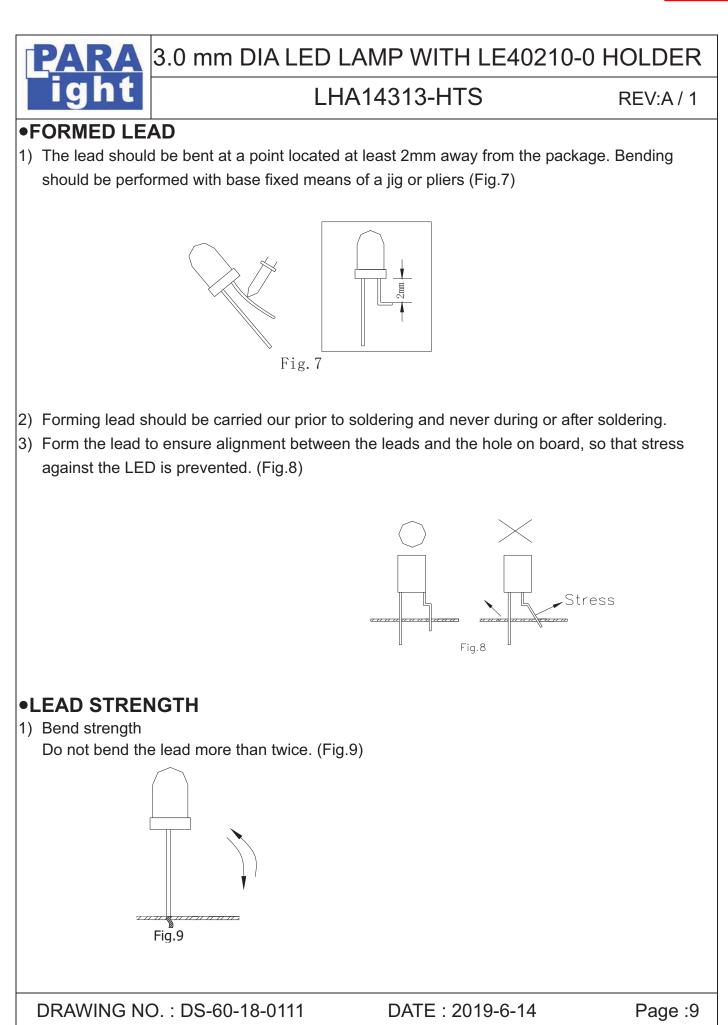


Fig.5



DRAWING NO. : DS-60-18-0111

DATE : 2019-6-14



#### LHA14313-HTS

REV:A/1

2) Tensile strength (@Room Temperature)If the force is 1kg or less, there will be no problem. (Fig.10)



#### • HEAT GENERATION

 Thermal design of the end product is of paramount importance. Please consider the heat generation of the LED when making the system design. The coefficient of temperature increase per input electric power is affected by the thermal resistance of the circuit board and density of LED placement on the board, as well as other components. It is necessary to avoid intense heat generation and operate within the maximum ratings given in this specification.

The operating current should be decided after considering the ambient maximum temperature of LEDs.

#### •CHEMICAL RESISTANCE

- 1) Avoid exposure to chemicals as it may attack the LED surface and cause discoloration.
- 2) When washing is required, refer to the following table for the proper chemical to be sued. (Immersion time: within 3 minutes at room temperature.)

SOLVENT	ADAPTABILITY
Freon TE	$\odot$
Chlorothene	$\times$
Isopropyl Alcohol	$\odot$
Thinner	$\times$
Acetone	×
Trichloroethylene	×
⊙Usable XDo	not use.

NOTE: Influences of ultrasonic cleaning of the LED resin body differ depending on such factors as the oscillator output, size of the PC board and the way in which the LED is mounted. Therefore, ultrasonic cleaning should only be performed after confirming there is no problem by conducting a test under practical.

DRAWING NO. : DS-60-18-0111

DATE : 2019-6-14

# PARA ight

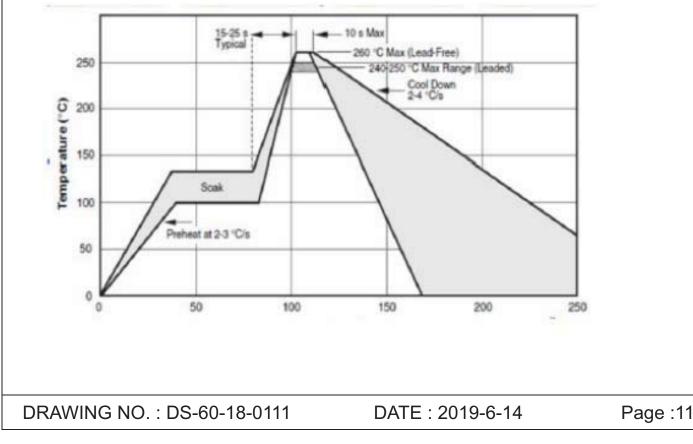
## 3.0 mm DIA LED LAMP WITH LE40210-0 HOLDER

#### LHA14313-HTS

REV:A/1

#### •OTHERS

- 1) Care must be taken to ensure that the reverse voltage will not exceed the absolute maximum rating when using the LEDs with matrix drive.
- 2) Flashing lights have been known to cause discomfort in people; you can prevent this by taking precautions during use. Also, people should be cautious when using equipment that has had LEDs incorporated into it.
- 3) The LEDs described in this brochure are intended to be used for ordinary electronic equipment (such as office equipment, communications equipment, measurement instruments and household appliances). Consult PARA's sales staff in advance for information on the applications in which exceptional quality and reliability are required, particularly when the failure or malfunction of the LEDs may directly jeopardize life or health (such as for airplanes, aerospace, submersible repeaters, nuclear reactor control systems, automobiles, traffic control equipment, life support systems and safety devices).
- 4) User shall not reverse engineer by disassembling or analysis of the LEDs without having prior written consent from PARA. When defective LEDs are found, the User shall inform PARA directly before disassembling or analysis.
- 5) The formal specifications must be exchanged and signed by both parties before large volume purchase begins.
- 6) The appearance and specifications of the product may be modified for improvement without notice.





#### LHA14313-HTS

REV:A/1

#### Bin Code List

Forward Volt	tage (VF), Unit	::v@20mA
Bin Code	Min	Max
D	1.80	1.90
E	1.90	2.00
F	2.00	2.10
G	2.10	2.20
Н	2.20	2.30
I	2.30	2.40
J	2.40	2.50
K	2.50	2.60
L	2.60	2.70
М	2.70	2.80

Tolerance of each bin are±0.1Volt

Dominant Wave	elength(λD),Un	it:nm@20mA
Bin Code	Min	ах
G16	566	568
G17	568	570
G18	570	572
G19	572	574
G20	574	576

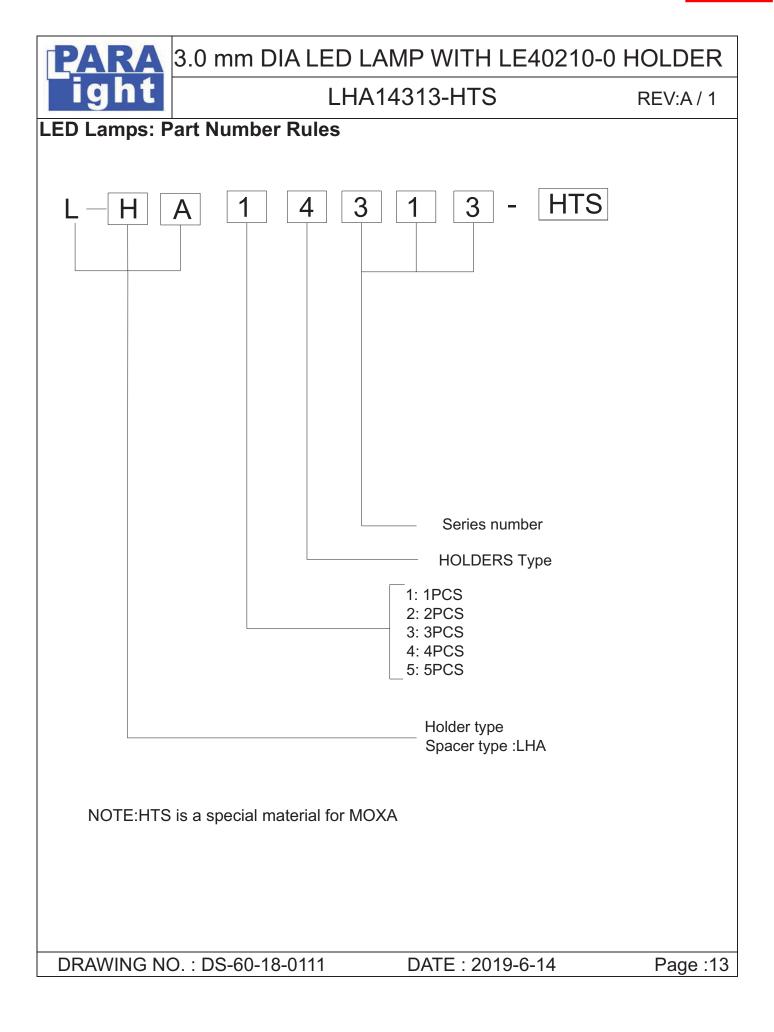
Tolerance of each bin are±1nm

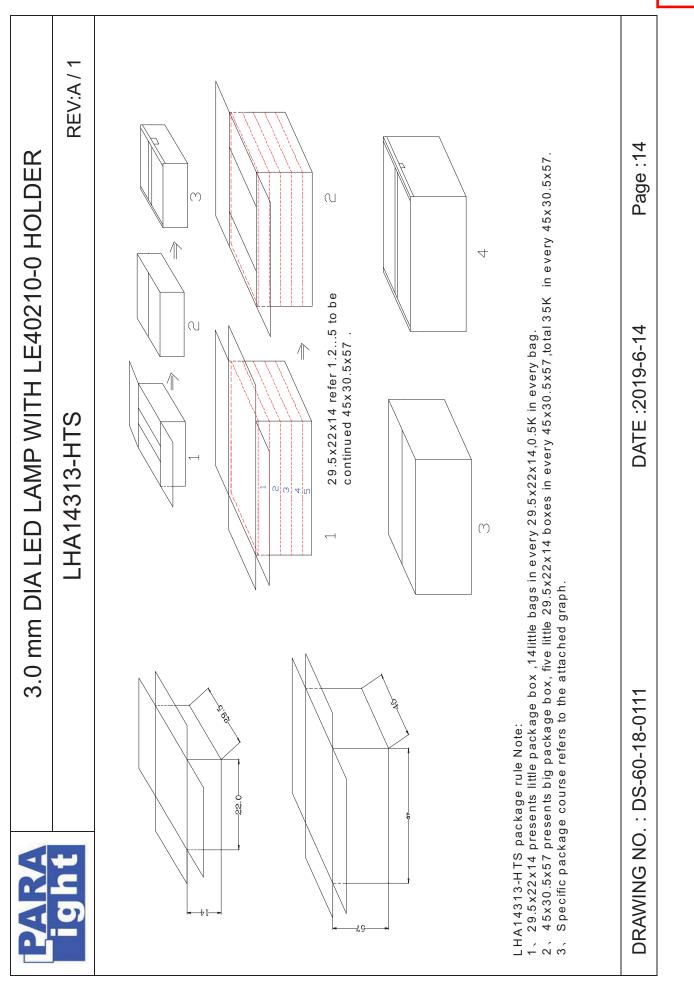
Luminous Inter	nsity(IV), Unit:	mcd@20mA
Bin Code	Min	Max
G	7.70	10.8
Н	10.8	15.1
I	15.1	21.1
J	21.1	29.5
K	29.5	41.3

Tolerance of each bin are±15%

DRAWING NO. : DS-60-18-0111

DATE : 2019-6-14





Release by PARALIGHTDCC **LEONA** UL Acquisition Status of a typical Grade

10000			-		BT		100000	High	High	100	2557255		1.		-		AL
MU		Minimum Nhickness	Figme Class		Mech	anical	Hot	emp	VOIL	Arc	IEC	6. Mil	Color	Minimum Ibickness	Flame	and south	Mech
Deg a		(ann)	(UL94)	<b>Electrical</b>	With Impact	Wilhout impact	ign.	erc ign.	track rate	residance (D495)	track (CTI)	0:9.		(1321) (1321)	(UL94)	Bectrical	With Impact
		0.70	V-2	105	75	85	4	Q		<u>–</u> *	-	00050	All	1.5	HB	65	65
1300S 1300F	All	1.5	V-2	105	75	85	4	0		-	100	90G50	A	3.0	HB	55	65
ISUUP		9.0	V-2	105	75	85	Е	0	0	6	a	00000	199	1.5	HB	65	55
		0.75	V-2	120	95	90	4	D	-	-		93G33	All	3.0	HB	65	55
13025	All	1.5	V-2	120	95	80	3	0		-	100	1		0.75	HB	125	90
	1887/25	9.0	V-2	120	95	100	3	0	0	5	٥	54G33	All	1.5	HB	125	90
12.54.5464.028		0.71	V-2	130	105	105	4	D	-	-	-	Constant and the	2622	3.0	HB	125	BO
14025	All	1.5	V-2	130	105	105	3	0	<u></u>	- 1			1 00		12		
1402F	100.000	3.0	V-2	130	105	105	3	0	0	6	1	54G43	All	0.80	HB	65	55
	9	0.69	¥-2	120	95	100	4	0		-	_	GTGTD		4.44			~
1402SH	All	1.5	V-2	120	95	100	3	Þ		-	-	*1:27		0.75	HB	125	105
1402011		3.0	V-2	120	95	100	2	0	0	6	1	1330G	Αŋ	1.5	HB	125	105
	1 3	0.75	HB	125	110	115	4	0	_	_	_		-	3.0	HB	125	105
13G15	All	1.5	HB	125	110	120	3	0		-	-	2002238003 200223200	-	0.71	HB	105	75
19019	Au	3.0	HB	125	110	120	2	0	0	5	0	49. or 2		1.5	1	105	75
			HB	6 <u>8 8 8 8 8</u>		10000000	1000 C	16 (C)		_	_	MROOT	All		HB	-	
10005		0.75	1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -	125	110	110	4	0		-		220.20 AL		3.0	HB	105	75
13G25	ILA	1.5	HB	125	110	110	3	0		-			1	0.71	V-0	105	65
		3.0	HG	125	110	120	2	0	1	5	0.	FR200	Al	1.5	V-0	105	65
		0.75	HE	125	105	110	3	٥	1000		100		_	3.0	V-0	105	65
130DG	All	1.5	HB	125	105	110	3	0		-		100000000000000000000000000000000000000		0.38	V-0 V-0	65 130	65 90
	-	3.0	HB	125	110	120	3	0	1	5	0	FR370	All	1.5	V-0	130	105
	33346	0.75	HB	110	110	115	4	0	-	-	_			3.0	¥-0	130	105
13G43	All	1.5	HB	110	110	120	2	0	-	1000	-	. 2	15.04	0.70	V-0	65	65
		3.0	нв	110	110	120	3	0	1	5	0	FR561	All	0.75	V-0 V-0	130	90 105
				0.475								1		3.0	V-0	130	105
14G15	All	0.75	HB	65	65	65		-	— .	-	- 1			0.75	¥.0	105	105
												FG170	All	1.5	V-O	105	105
		0.71	HB	120	90	110	4	٥	1000	-	20			3.2	V-0	105	105
1402G	All	1.5	HB	120	\$0	120	3	0			-	1. m. 1.		0.41	V-0	65	
		3.0	HB	120	100	125	0	O	1	6	1	and the second	NC	0.50	V-0	130	-
Access when	1	0.75	HB	65	65	65	з	Q	-	-	-	FG172		0.75	V-0	130	115
14G25	All	1,5	HB	140	125	140	3	Ð		-		2 1	All	1.5 3.0	V-0	130	115
14G33		9.0	HB	140	125	140	9	Ð	0	6	1	2	1	0.5	V-0 V-0	130	65
*		0.75	HB	65	65	65	3	0	-		-		NC	0.72	V-0	65	65
14000	All	1.5	HB	140			3	0				FG173		0.80	V-0	190	65
14G50	C.II	30288	0438001		125	140	1025						All	15	V-0	130	65
		9.0	HB	140	125	140	9	0	0	5	a	1.3 *		9.0	V-0	190	65

÷.,

•

> > - 1

1	ATI	noinal	Hot	High	High	Атс	IEC
		anical	wire	amp	volt	ATC	track
	With Impact	Without Impact	ign.	arc Ign.	track rate	(D495)	(CTI)
	65	65	2	0	1	-	-
	65	65	0	0	Q	5	0
	65	65	9	0	2	-	
	65	65	Ó	0	¢	5	0
	90	120	З	0	1000		
	90	120	2	0	3232	100000	3822
	10000		0.00	1 <u>6 (2</u> 7 77		-	100
	60	120		٥	1	6	1
	65	65	-		-	-	-
	105	105	4	Q		-	27 <u></u>
ĺ	105	115	1	٥		-	
	105	120	0	0	5	5	Ô
	75	76	4	0		-	
	75	75	3	0	-	-	
	75	BO	3	0	Ø	Б	Ð
	65	65	3	0	_		-
	65	65		-			1999092
	-	0.0000000	3	0	2.00		3.00
	65	65	2	Q	0	5	0
	65	65	-		2. <del></del>	-	
	90	105	4	1		-	100 000 0000 100 00 000
	105	105	3	0		- 1	-
	105	105	2	0	0	5	0
	65 90	65 105	-	-	-		
	105	105	4	1		_	
	105	105		0	D	5	0
	105	105	0	0	—		
	105	105	a	0		_	
	105	105	0	0	1	6	э
	-	65	_			-	_
		65	0	0	×		- 
	115	120	0	0	-	-	-
	115	120	a	0		0.000	
		120	0	0	1	6	2
	65	65	1	0	2	<u> </u>	-
	65	65	0	0	-	-	1. see-
	65	120	Õ	0	-		2.0 <del>-</del>
	65	120	ů.	Ō	<u></u>	1002	<u></u>
	65	120	Ó	0	3	7	2

QMRZ22nponent - Plastics							E4828
ASAHI KASEI CHEMI	CALS CORP						
HIBIYA-MITSUI BLDG, 1-2 Y	URAKUCHO 1-CHOME, C	HIYODA-KU, TOKYO 100-000	06 JP				
1300S, 1300F							
Polyamide 66 (PA66), "I	Leona", furnished as p	oellets					
	Min Thk	Flame			RTI	RTI	RTI
Color	(mm)	Class	HWI	HAI	Elec	Imp	Str
ALL	0.71	V-2	4	0	105	75	85
	1.5	V-2	4	0	105	75	85
	3.0	V-2	3	0	105	75	85
Comr	arative Tracking Index (C	TI): 0			Dimensional Stabi	ility (%): 0	
	e Arc Tracking Rate (HVT			High Volt 1	ow Current Arc Resis		
UL94 small-scale test data d	Dielectric Strength (kV/m loes not pertain to building ma			Vo nall-scale test data is i	lume Resistivity (10xol intended solely for determ	hm-cm): - nining the fla	ammability o
UL94 small-scale test data d plastic materials	Dielectric Strength (kV/m loes not pertain to building ma	m): - iterials, furnishings and related co	appliances, whe	Vo nall-scale test data is i re the acceptability of	lume Resistivity (10xol intended solely for determ	hm-cm): - nining the fla	immability o I. Compon
UL94 small-scale test data d plastic materials	Dielectric Strength (kV/m loes not pertain to building ma	m): - iterials, furnishings and related co parts of end-product devices and	appliances, whe	Vo nall-scale test data is i re the acceptability of	lume Resistivity (10xol intended solely for determ	hm-cm): - nining the fla	immability o I. Compon
UL94 small-scale test data d plastic materials Report Date: 7/11/1972	Dielectric Strength (kV/m loes not pertain to building ma used in the components and p	m): - iterials, furnishings and related co parts of end-product devices and	appliances, whe	Vo nall-scale test data is i re the acceptability of	lume Resistivity (10xol intended solely for determ	hm-cm): - nining the fla	immability o I. Compon
UL94 small-scale test data d plastic materials Report Date: 7/11/1972	Dielectric Strength (kV/m loes not pertain to building ma used in the components and p	m): - iterials, furnishings and related co parts of end-product devices and	appliances, whe	Vo nall-scale test data is i re the acceptability of	lume Resistivity (10xol intended solely for determ	hm-cm): - nining the fla	immability o I. Compon
UL94 small-scale test data d plastic materials Report Date: 7/11/1972	Dielectric Strength (kV/m loes not pertain to building ma used in the components and p	m): - iterials, furnishings and related co parts of end-product devices and	appliances, whe	Vo nall-scale test data is i re the acceptability of	lume Resistivity (10xol intended solely for determ the combination is detern	hm-cm): - ining the fla nined by UL	immability o I. Compon
UL94 small-scale test data d plastic materials Report Date: 7/11/1972 IEC and ISO Te rest Name	Dielectric Strength (kV/m loes not pertain to building ma used in the components and p	m): - terials, furnishings and related oo parts of end-product devices and Underwriters La	appliances, whe	Vo nall-scale test data is re the acceptability of nc®	lume Resistivity (10xol intended solely for determ the combination is detern Thickness	hm-cm): - ining the fla nined by UL	ommability o I. Compon Plastic Value
UL94 small-scale test data d plastic materials Report Date: 7/11/1972 IEC and ISO Te rest Name	Dielectric Strength (kV/m loes not pertain to building ma used in the components and p	m): - terials, furnishings and related oo parts of end-product devices and Underwriters La Test Method	appliances, whe	Vo nall-scale test data is re the acceptability of nc® Units	lume Resistivity (10xol intended solely for determ the combination is detern Thickness Tested (mm)	hm-cm): - ining the fla nined by UL	Value
UL94 small-scale test data d plastic materials Report Date: 7/11/1972 IEC and ISO Te rest Name	Dielectric Strength (kV/m loes not pertain to building ma used in the components and p	m): - terials, furnishings and related oo parts of end-product devices and Underwriters La Test Method	appliances, whe	Vo nall-scale test data is re the acceptability of nc® Units	lume Resistivity (10xol intended solely for determ the combination is detern Thickness Tested (mm) 0.71	hm-cm): - ining the fla inined by UL	Value V-2 (ALL)
UL94 small-scale test data d plastic materials Report Date: 7/11/1972 IEC and ISO Te Fest Name EC Flammability	Dielectric Strength (kV/m loes not pertain to building ma used in the components and p est Methods	m): - terials, furnishings and related oo parts of end-product devices and Underwriters La Test Method	appliances, whe	Vo nall-scale test data is re the acceptability of nc® Units	lume Resistivity (10xol intended solely for determ the combination is detern Thickness Tested (mm) 0.71 1.5	hm-cm): - ining the fla inined by UL	Value V-2 (ALL)
UL94 small-scale test data d plastic materials Report Date: 7/11/1972 IEC and ISO Te Fest Name EC Flammability Slow-Wire Flammability	Dielectric Strength (kV/m loes not pertain to building ma used in the components and p est Methods (GWFI)	m): - terials, furnishings and related oo parts of end-product devices and Underwriters La Test Method IEC 60695-11-10	appliances, whe	Vo nall-scale test data is re the acceptability of nc© Units Class (color)	lume Resistivity (10xol intended solely for determ the combination is detern Thickness Tested (mm) 0.71 1.5	hm-cm): - ining the fla inined by UL	ammability of I. Compone Plastic:
UL94 small-scale test data d plastic materials Report Date: 7/11/1972 IEC and ISO Te Fest Name EC Flammability Slow-Wire Flammability Slow-Wire Ignition (GWI	Dielectric Strength (kV/m loes not pertain to building ma used in the components and p est Methods (GWFI) T)	m): - terials, furnishings and related oo parts of end-product devices and Underwriters La Test Method IEC 60695-11-10 IEC 60695-2-12	appliances, whe	Vo nall-scale test data is re the acceptability of nc® Units Class (color) C	lume Resistivity (10xol intended solely for determ the combination is detern Thickness Tested (mm) 0.71 1.5	hm-cm): - ining the fla inined by UL	Value V-2 (ALL)
UL94 small-scale test data d	Dielectric Strength (kV/m loes not pertain to building ma used in the components and p est Methods (GWFI) T) Ing Index	m): - terials, furnishings and related oo parts of end-product devices and Underwriters La Test Method IEC 60695-11-10 IEC 60695-2-12 IEC 60695-2-13	appliances, whe	Vo nall-scale test data is re the acceptability of nc® Units Class (color) C C	lume Resistivity (10xol intended solely for determ the combination is detern Thickness Tested (mm) 0.71 1.5	hm-cm): - ining the fla inined by UL	Compone Plastics Value V-2 (ALL) V-2 (ALL)

#### 塑膠材料符合性保證書 CERTIFICATE OF COMPLIANCE OF PLASTIC MATERIAL

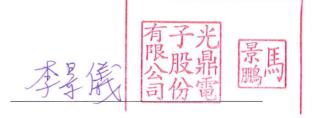
供應商 VENDER	光鼎電子股份有	限公司	
料號 PART NUMBER		品名 PART DESCRIPTION	光鼎 holder 產品
數量/訂單號碼 QUANTITY/P.O. NO.		出貨日期 SHIPPING DATE	
原料製造商 MATERIAL SUPPLIEF	<u> </u>	连云港光鼎电子有限公	·司
原料品名/型號/規格 MATERIAL DESCREPTION / MODEL / SPEC		光鼎holder菡	ま 口 臣口口
原料 UL 號碼 MATERIAL UL FILE NUMBER E48285		原料防火等級 MATERIAL FLAMMABILITY CLASS V-2	

供應商保證 VENDER GUARANTY

1.	本批產品確實符合 UL 跟蹤檢驗服務程序(FUS)的要求,確實依上述規格供應,若有變更冒 替,本公司願負賠償之責。
	FOR THIS P.O., IF THERE IS ANY DEVIATION TO THE LIST ABOVE, WE WILL BE RESPONSIBLE FOR THE COST INCURRED.
2.	本批產品使用的回收料(次料)不超過 25%

THE REPROCESSED MATERIAL USED IN THIS SHIPMENT DOES NOT EXCEED 25%

供應商簽章及蓋公司章



VENDER SIGNATURE & COMPANY SEAL