Delivery: Changhong	Date:2023-02-14	Number:
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Specification for Bluetooth and Infrared Remote Controller

Dem and er entry	Name of Demander Part	Infrared remote controller			
	Part code of the buyer				
	Approval of demander				
	Receive	Review	Approval		

Supplie r entry	Part model of supplier		YDX 115 B-G10				
		Supplier		Yi Dongxing (Shenzhen)Technology Co., Ltd.			
		Supplier approval					
	A		Eng	ineerin	g audit	Quality review	Approval
	С	七朱兴(洑圳)科 heng bi mei 技士工台	这有限2 ≤√	Hu yor	nghua	Wang xi jun	He jiazhen
		业务专	m 用章				
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Product specification

忆东兴(深圳)科技有限公司

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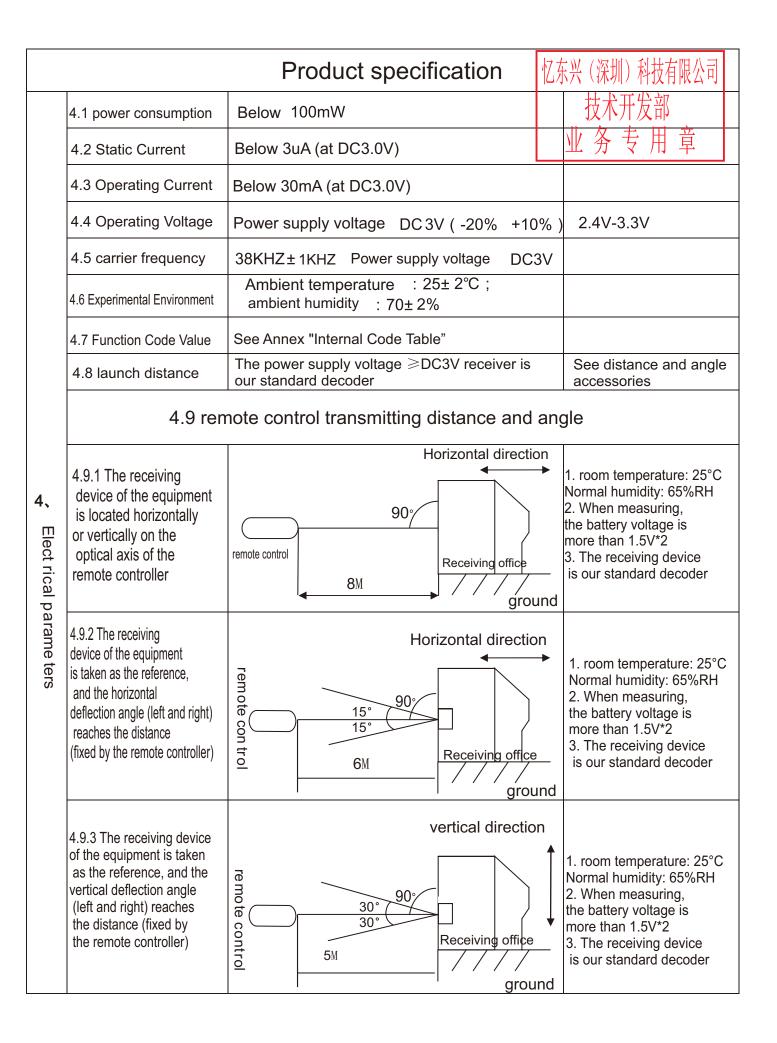
反部

Name: remote control

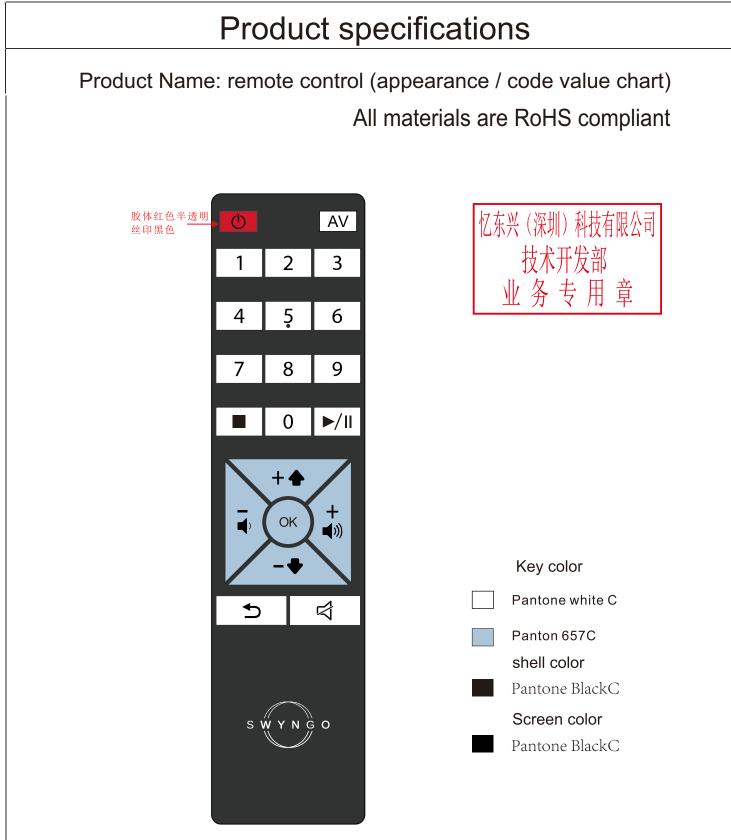
One Usage: This product uses infrared ray to transmit signals and wireless remote controller to operate

Two-Scope of application: This specification is applicable to the infrared remote controller of Yidongxing Company.

Numbering	Projects Content		Decision criteria
1、	1.1 Appearance Color	See Annex "Appearance Drawing"	Reference sample
Ap pearance s tru cture	1.2 Plastic Material	ABS/HIPS	
	1.3 Material of Circuit Board	T1.2mm/94HB	
	1.4 Appearance	 The following items are visually confirmed ① Scratch, stain, split and deform ② Print graphics and text ③ Mingban bonding ④ Shell fit ⑤ Surface 	 No such phenomenon Clear, even and tidy No floating, bulging, hua marks No warping, deformation or cracks Uniform materials and consistent colors
	2.1 Key Force 160 g±50g (push button vertically)		The medium and small scale shall be taken as the basis for determination.
	2.2 key stroke	0.8mm ±0.3mm	
2、 	2.2 Kov Hoight	① The front height h is not pressed by the key.	① H < 1.5 mm
1ech	2.3 Key Height	② Height H1 when key press works	② H1 >0.7 mm
mechanical proper ties	2.4 key reset	Apply a force of 10N to the left and right end s of the 1/4 position of the key plane and the left, right, front and rear sides of the key respectively for 2 minutes	The key should be fully reset and function normally.
	2.5 Load Life of Keys	Press the key≥200,000 times with a pressing frequency of 3-5 times/second, and the number of times that the key is not in place is less than or equal to 0.5%	The key function is normal and meets the requirements of 4.1-4.7.
	2.6 plug life of power supply cover plate	Plug and unplug the power supply cover plate at a frequency of 2-3 times/minute for not less than 100 times	No abnormality
ຕ໌ Use spec ifications	3.1 service temperature	0°C-40°C	Batteries with the same temperature range must be used.
	3.2 storage temperature	-10°C ~ +55°C	It is not necessary to remove the battery for a long time.
tions	3.3 battery specifications	Manganese or alkali dry cell number 7 ×2	Battery conforming to national standard



	Projects	test condition	Decision criteria
	5-1 High Temperature Storage	Without packaging or batteries, the remote controller is placed in a test chamber with room temperature. The temperature in the test chamber is sealed at 55±3°C for 96HR hours. After being placed at room temperaturefor 2 hours, test whether each function is normal (if condensation or water drops exist on the high-temperature Shiyan Lake remote controller, the test shall be conducted after it disappears)	(深圳)科技有限公司 支术开发部 务 专 用 章
5 Weather resistance	5-2 Low Temperature Storage	The remote controller shall be placed in a test chamber with room temperature without packaging or battery (in order to prevent condensation, the remote controller shall be sealed with plastic film and tested, and moisture absorbent may be placed in the sealing sleeve if necessary). The temperature in the test chamber is-20 3 C, and 96RH is sealed. After 2RH at normal temperature, test whether each function is normal.	The following specifications must be me A meets 2.1 specifications B meets 2.2 specifications.
	5-3 Constant Temperature and Humidity	Place the remote controller in an RH box with a relative humidity of 90-95% and a temperature of 40±3°C for 96HR hours, then take it out and place it in a normal temperature and humidity environment for 2 hours, and then test whether each function is normal (if the remote controller is dew or water drops after a high temperature test, it should be tested after it disappears)	C meets 2.3 specifications D meets 4 specifications
	5-4 Drop Test	Under the condition that the remote controller is equipped with batteries, it is free to fall from 80cm height onto a thick wooden board not less than 3cm without packaging. The falling surface of the remote controller shall be parallel to the impact surface, and each surface shall fall once. Note: 1 is the emitting surface, 2 is the front surface, 3 is the bottom surface and 4/5/6 is the side surface	Note: this test refers to GB/T
	5-5 Vibration Test	A horizontal vibration: frequency 10-20-10Hz displacement 0.15mm, axis frequency sweep 5 cycles	14960-2017 standard
		B vertical vibration: frequency 30-50-30Hz displacement 0.75mm, axis frequency sweep 5 cycles	



logo上下左右居中,丝印白色



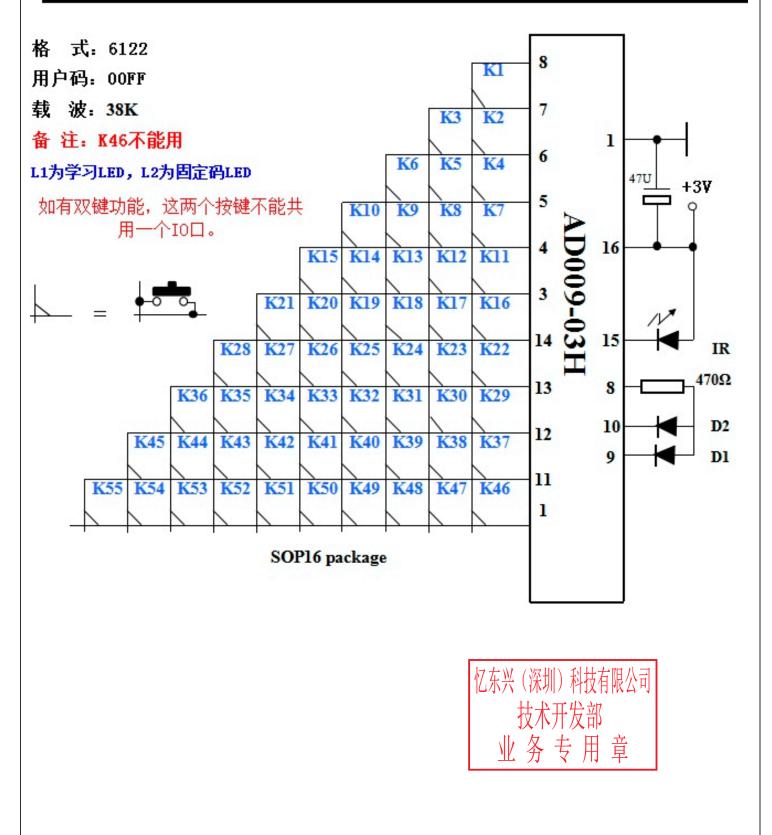
 $\star \star \star$ matters needing attention $\star \star \star$

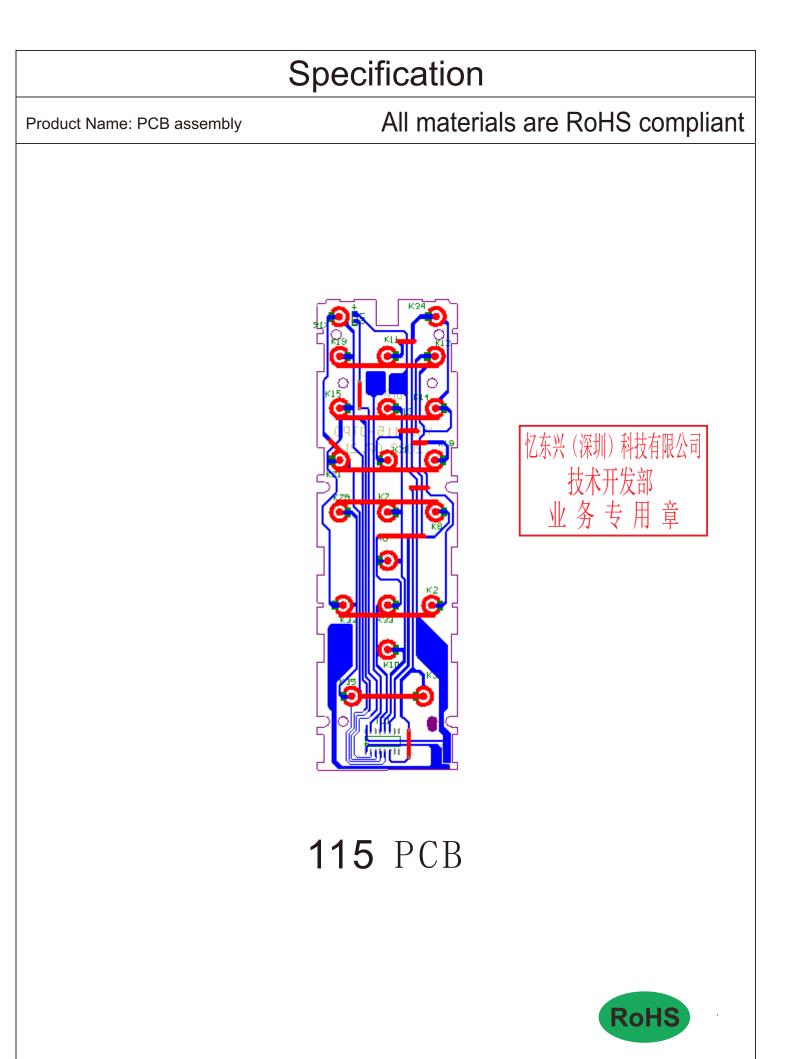
- 1. After recognition, all colors, fonts and characters shall be subject to the recognized samples.
- 2. Single packaging mode of remote control: remote control + PE plastic bag

Specification

Name: Schematic diagram







Product specifications

Product Name: material list

All materials are RoHS compliant

Serial number	Item name	Specification and model	Item description	position	Company	Consumption
1	PCB	YDX-115-OTPD	Thickness 1.2mm		PCS	1
2	Emitter LED	LIRH40B303ZF	φ4mm		PCS	1
3	Face shell	115B-GK10			PCS	1
4	Conductive adhesive	115-GD10	Conductive rubber button		PCS	1
5	Shrapnel(+)	115# (+)			PCS	1
6	Shrapnel(-)	115# (-)			PCS	1
7	$Spring(\pm)$	115# (±)			PCS	1
8	Pot slices	YDX-115-OTPD			PCS	1
9	Plastic bag	7*23.5 CM			PCS	1
10	IC	AD009-03H			PCS	1

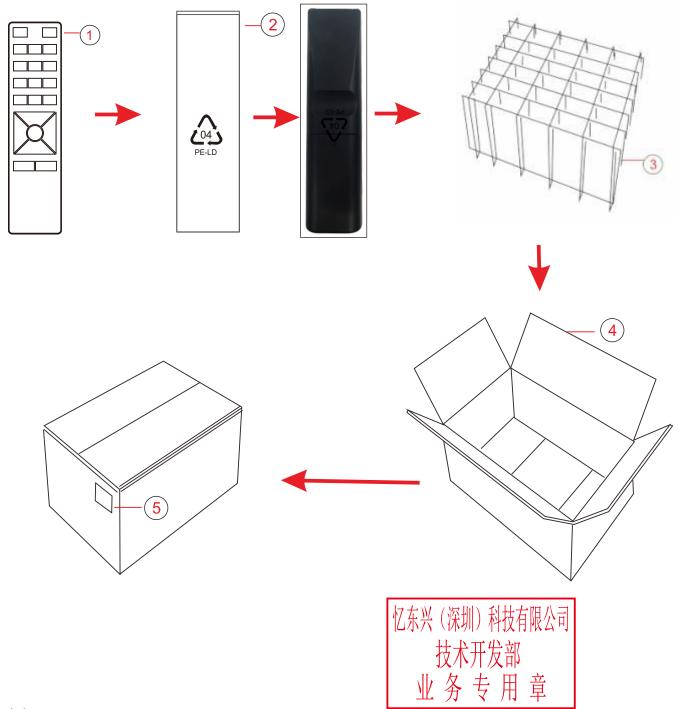
忆东兴(深圳)科技有限公司	
技术开发部	
业 & 丰 田 咅	
エカマル早	



Important remarks:

Packing method:

(1) Packing method:



- (3) Outer box size: 37*23*21 cm
- (2) Capacity of each box: 80pcs / box