

LG-IRM2A938KSF3

Infrared Receiver Module

DATA SHEET

SPEC.NO. : SZ21052402
DATE : 2021/05/24
REV. : A/0

Approved By:

Checked By:

Prepared By:

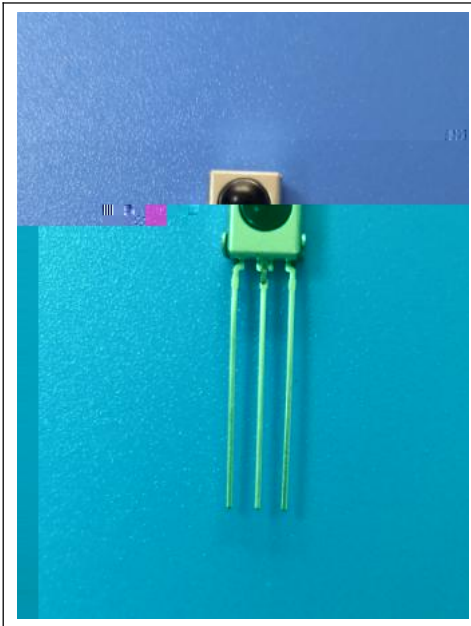
1.

2.

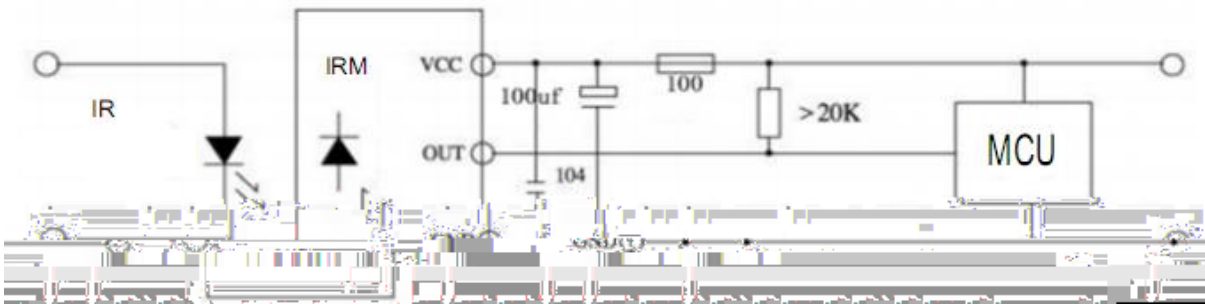
-
- 2.7-5.5V
-
-
- TTL CMOS

3. :

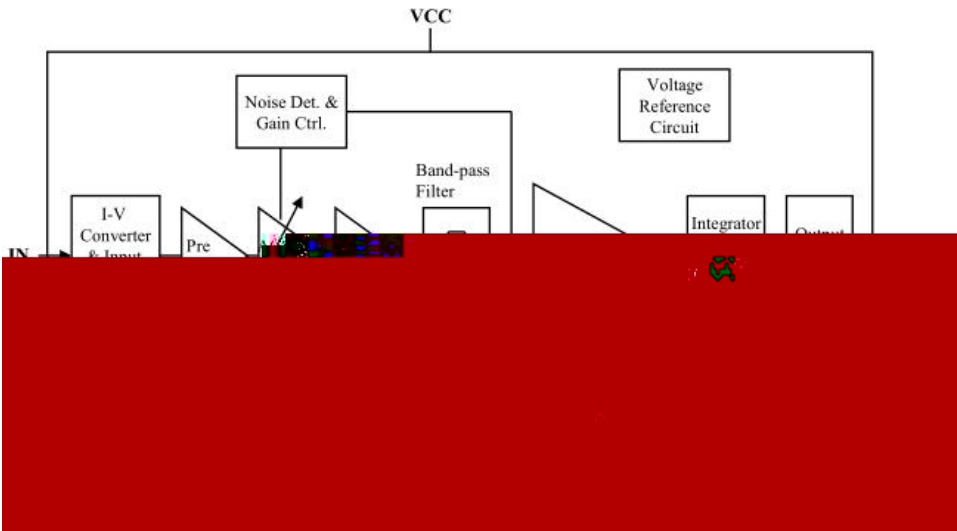
- (MP3 MP4,)
-
-



4. :



5.



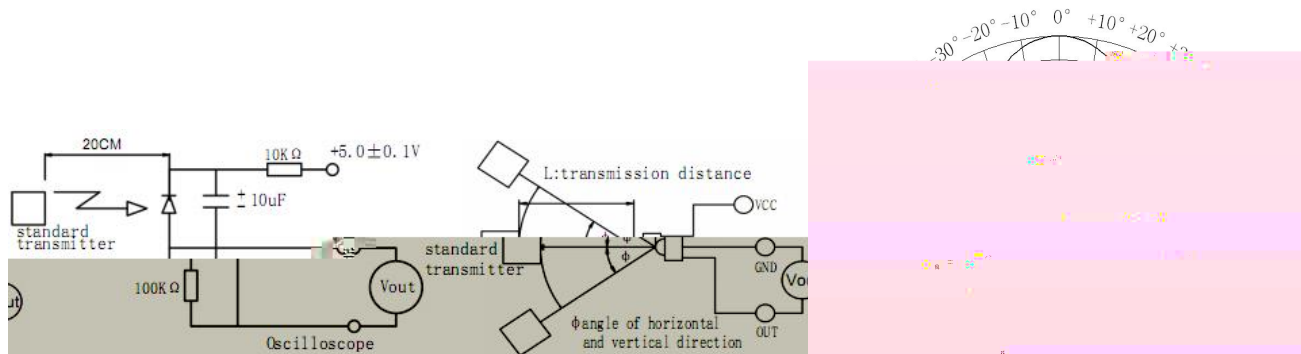
6 (T=25 Vcc=5v f₀=38KHZ)

			Min	Type	Max	
	I _{CC}	VDD=3v	0.4	0.7	1.2	mA
	L	0 °	14	16		M
	L	45 °	7	8		M
	L	45 °	7	8		M
	f ₀			37.9		kHz
BPF	f _{BW}	-3dB Bandwidth ,Vin=30μV p-p	4	6	8	kHz
	V _{OL}	Isink=2.0mA		0.2	0.4	V
	V _{OH}		2.7	3.0	-	V
	T _{PW}	burst wave Vin=50mV p-p	400	600	800	μ S
	Tburst	Vin=50mV p-p	300			us
	Tburst gap	Vin=50mV p-p	350			us
	Tpause	Vin=50mV p-p	1			ms

7 :

Toshiba/NEC/Sharp/Matsushita/RC5_Philips/Sony 12bit/Zenith/RC6/Continuous Code/ Jvc/RCA.

8.



9

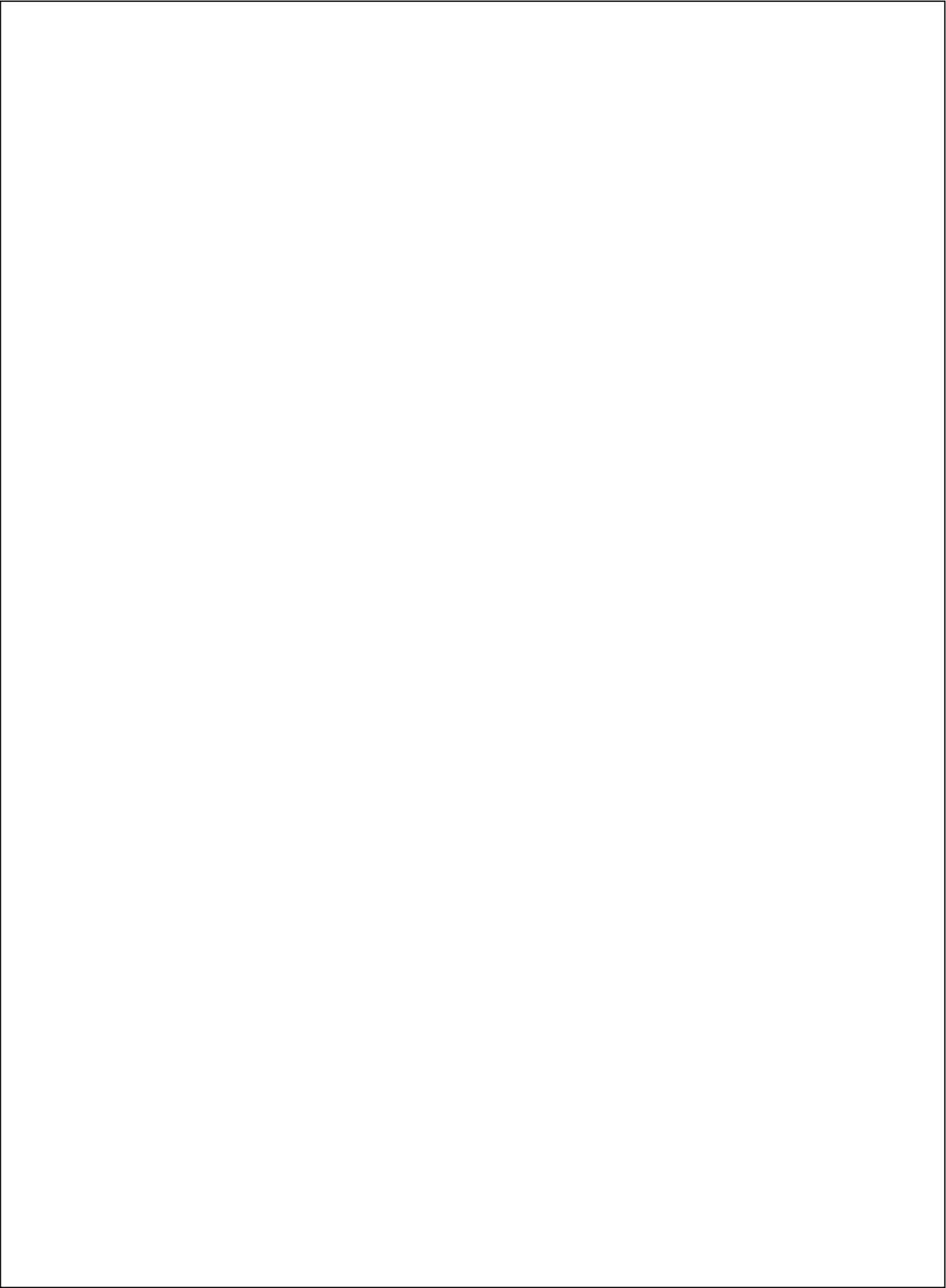
		Min	Typ	Max	
	V _{DD}	2.7	-----	5.5	V
	FM		37.9		kHz
	Topr		25		

10. :

	V _{DD}	6.0	V
	Tstg	-40 — +125	
*	Tsol	260 ± 5 5S	

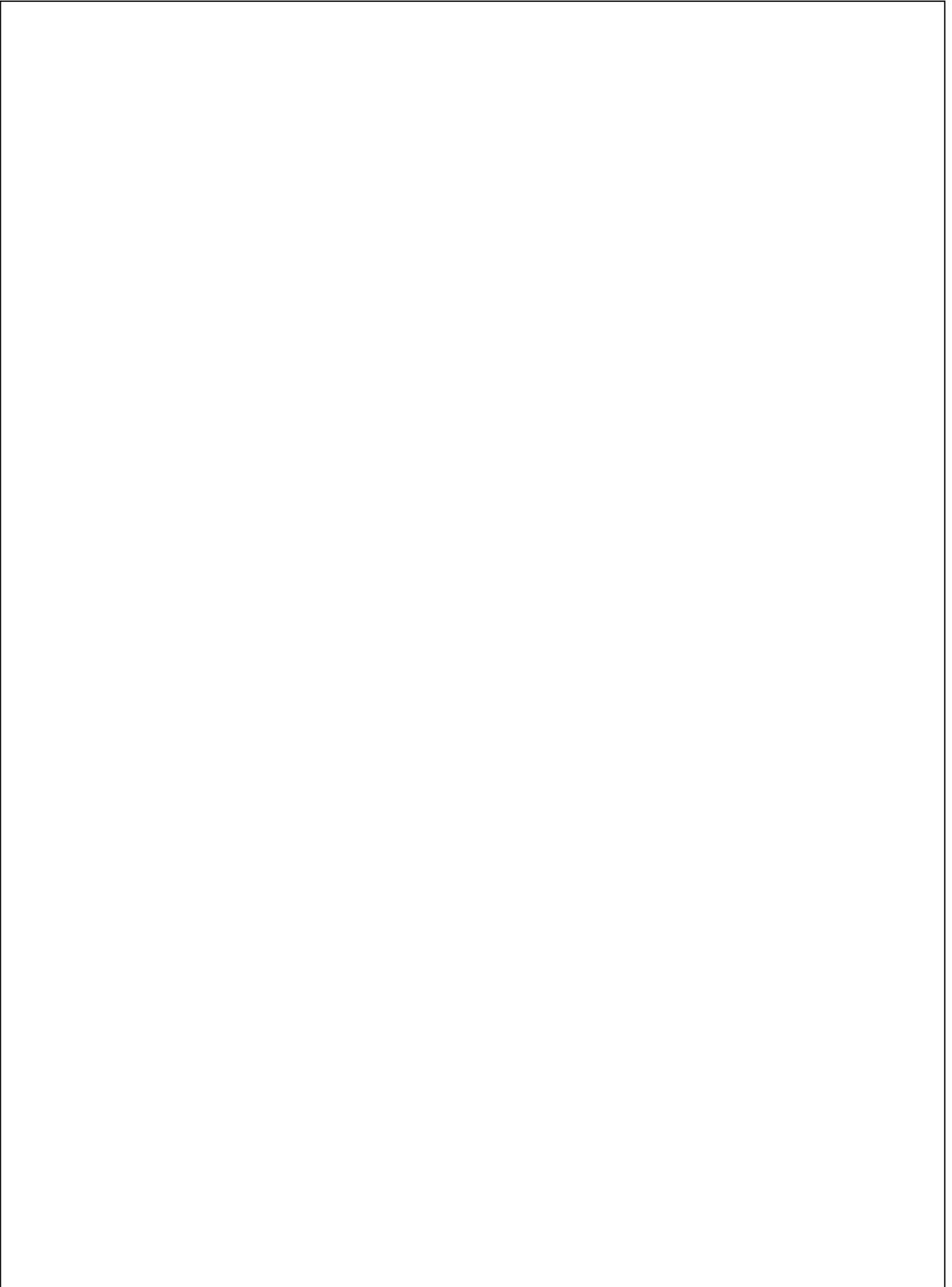
*

2.0mm

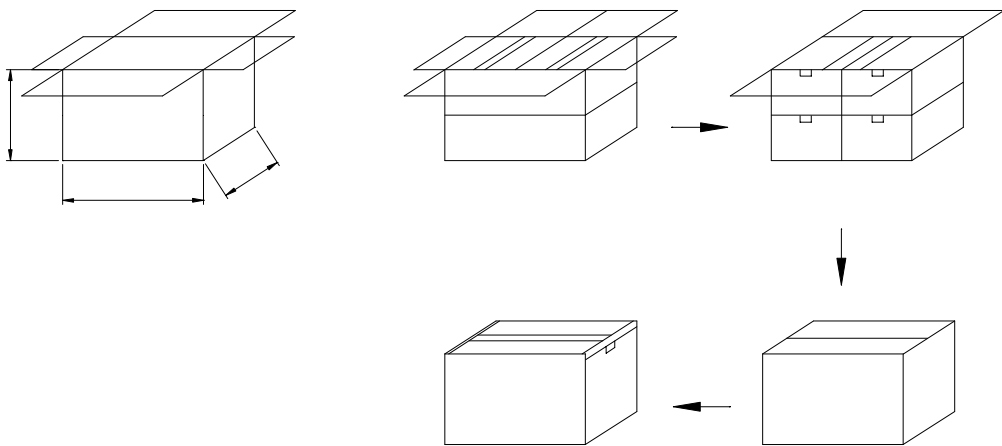
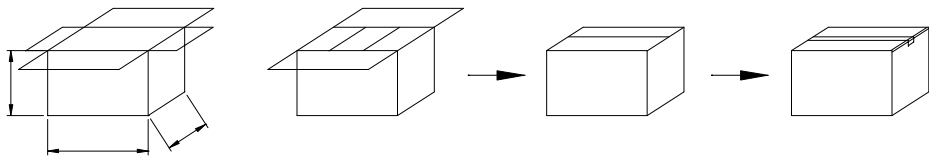
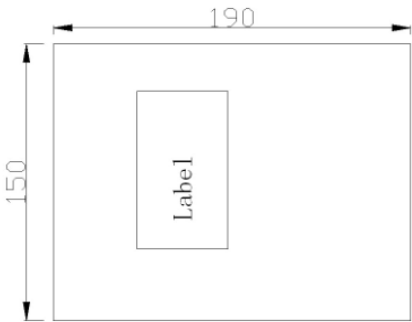


L

LIGHT ELECTRONICS CO., LTD.



150mm × 190mm



(pcs /)	(/)	(/)
500	10	4