

# LG-IRM2A938KSF3 Infrared Receiver Module DATA SHEET

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

Approved By:

Checked By:

Prepared By:

# LIGHT



1

2

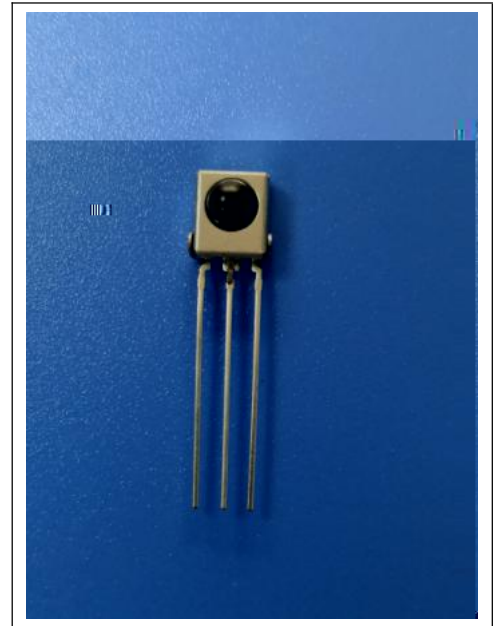
2.7-5.5V

TTL CMOS

3

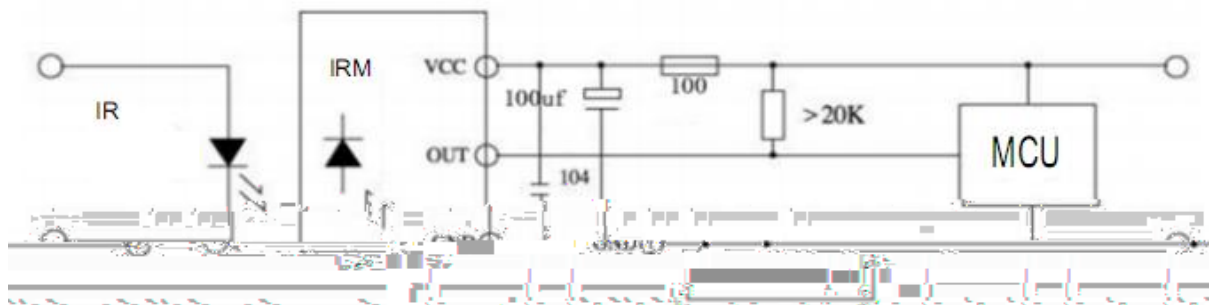
:

(MP3 MP4, )

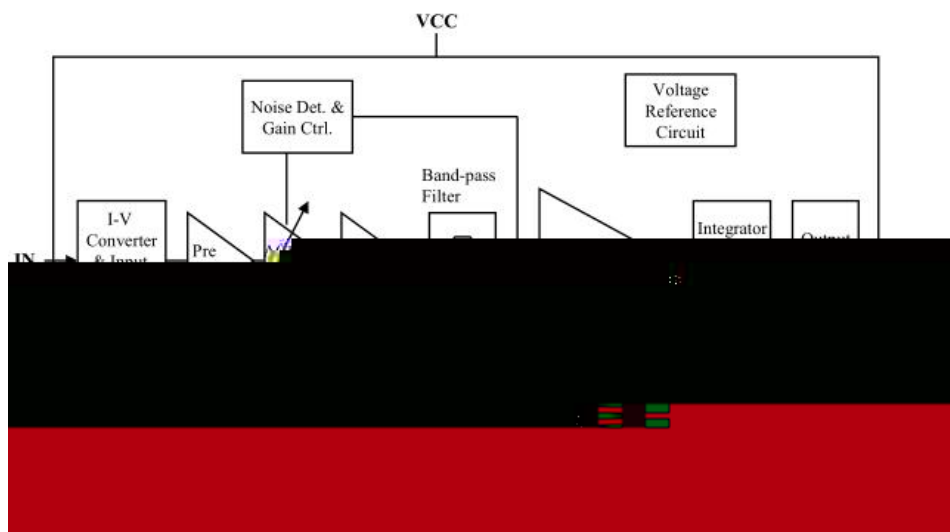


4

:



5



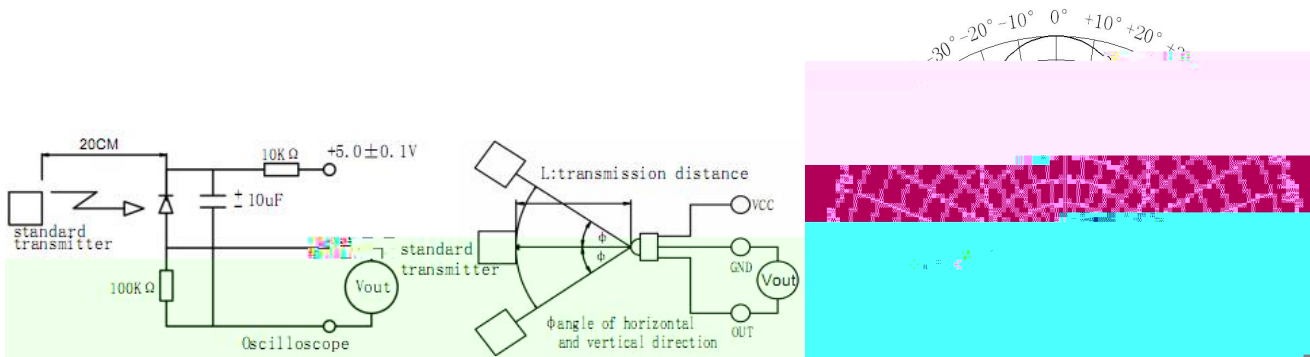
6 (T=25 Vcc=5v f<sub>o</sub>=38KHZ)

			Min	Type	Max	
	I <sub>CC</sub>	VDD=3v	0.4	0.7	1.2	mA
BPF	L	0°	14	16		M
	L	45°	7	8		M
	L	45°	7	8		M
	f <sub>o</sub>			37.9		kHz
	f <sub>BW</sub>	-3dB Bandwidth, Vin=30μV p-p	4	6	8	kHz
	V <sub>OL</sub>	I sink=2.0mA		0.2	0.4	V
	V <sub>OH</sub>		2.7	3.0	-	V
	T <sub>PW</sub>	burst wave Vin=50mV p-p	400	600	800	μs
	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/Mitsubishi/RC5 Philips/Sony 12bit/Zenith/RC6/Continuous Code/ Jvc/RCA.

8.



9

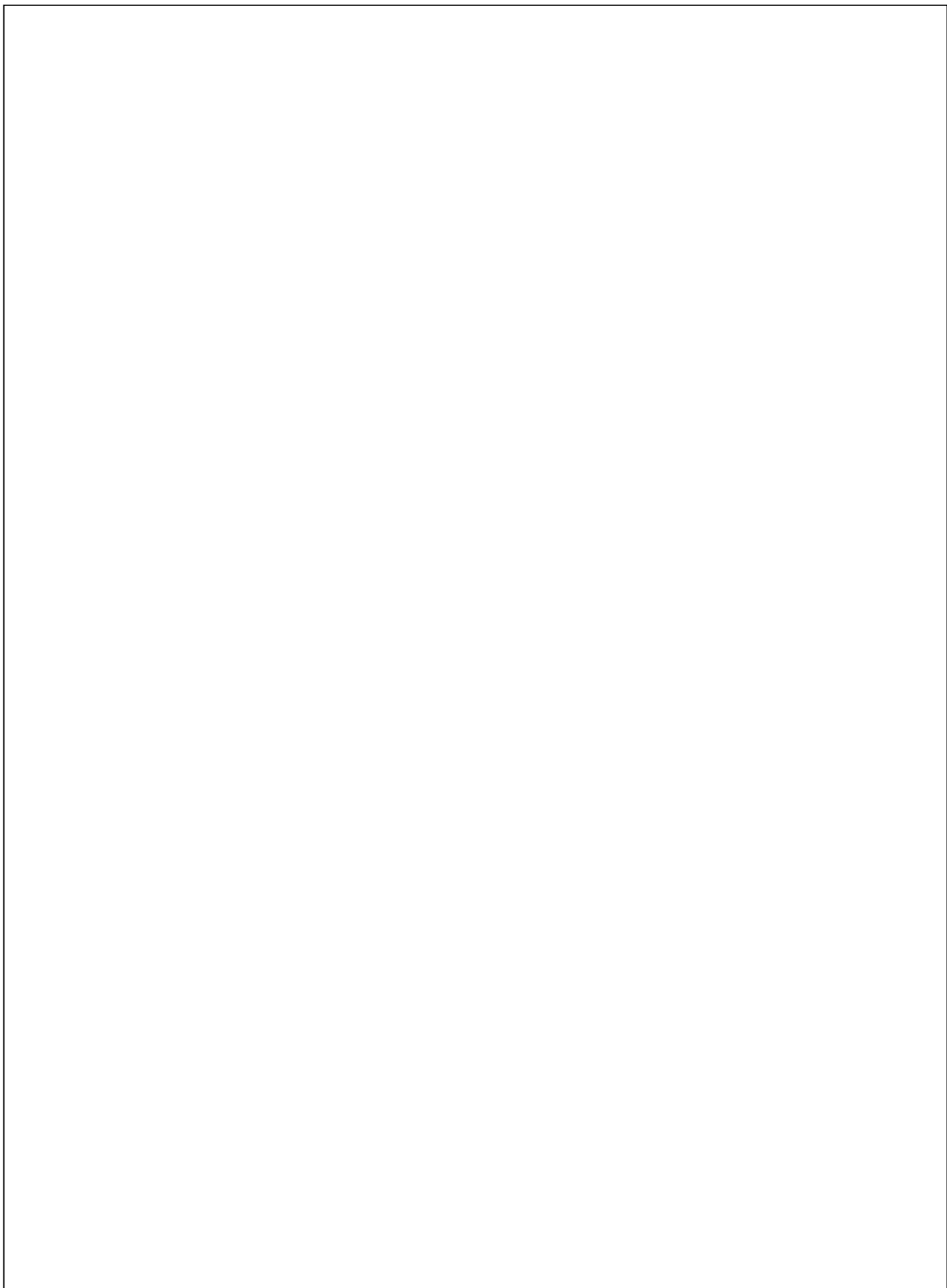
		Min	Typ	Max	
	V <sub>DD</sub>	2.7	-----	5.5	V
	FM		37.9		kHz
	Topr		25		

10. :

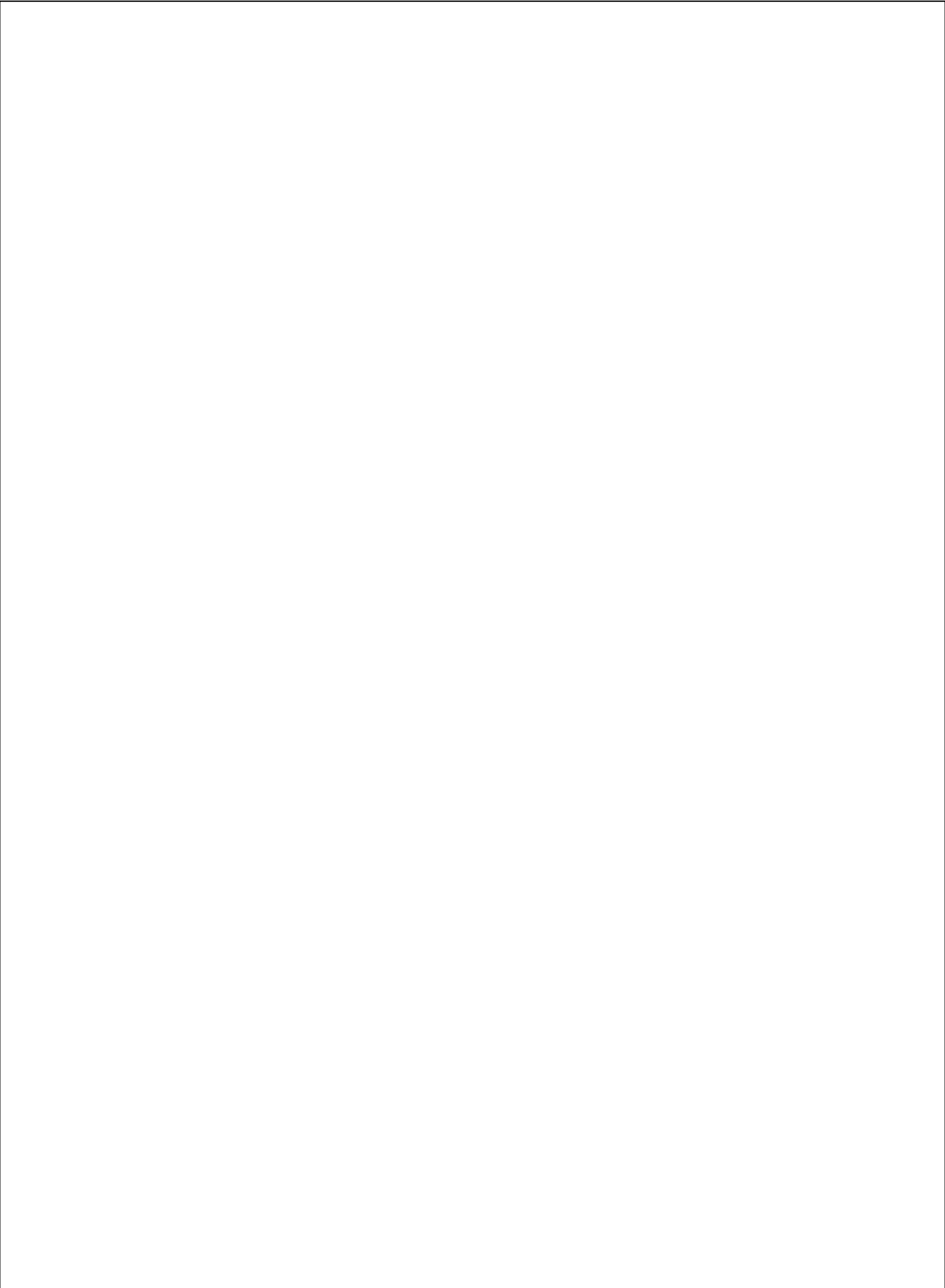
	V <sub>DD</sub>	6.0	V
	Tstg	-40 --- +125	
*	Tsol	260± 5 5S	

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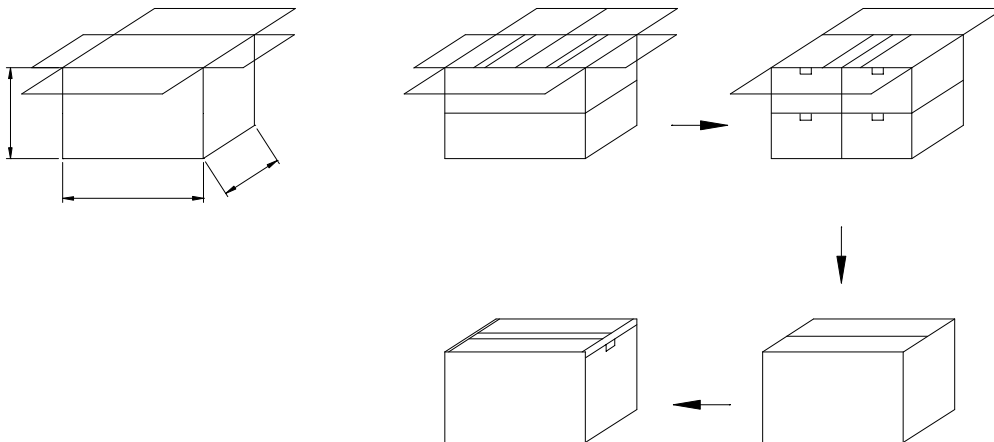
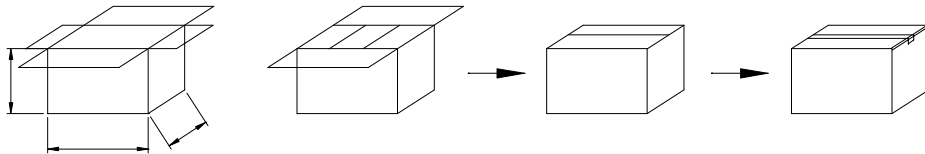
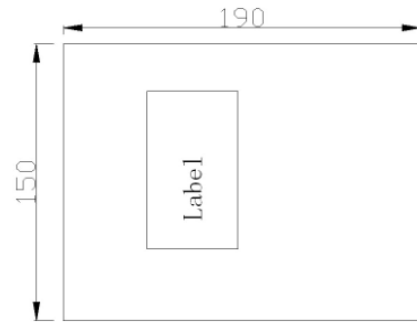
2.0mm



L



150mm× 190mm



( pcs / )	( / )	( / )
<b>500</b>	<b>10</b>	<b>4</b>