



深圳市华百年电子有限公司

SHENZHEN HBY ELECTRONICS CO., LTD.


规格书specification

产品名称 Product Name	ISDN 语音分离器 ISDN SPLITTER		
产品型号 Product Model	YXSP307B		
			
	制作 DRAWN UP	审核 CHECKED	批准 APPROVED
姓名 NAME			
日期 DATE			

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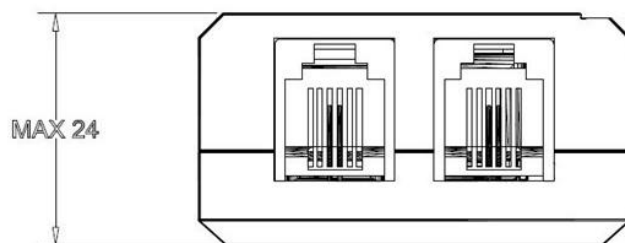
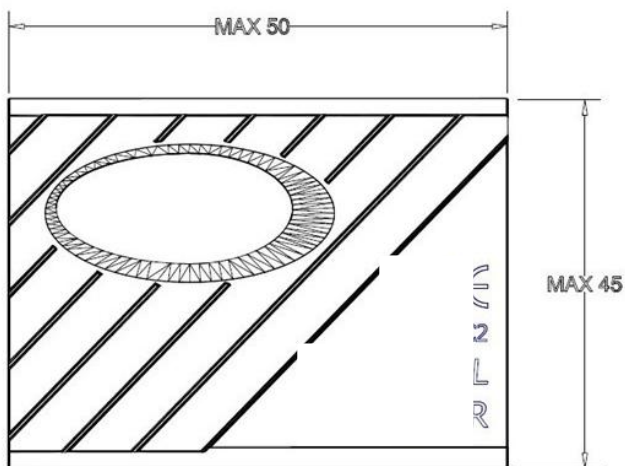
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1 Mechanical characteristics

1.1 Housing

- Housing size (MM) -see picture (50*45*24)



- Material: ABS
- Color: RAL



RAL

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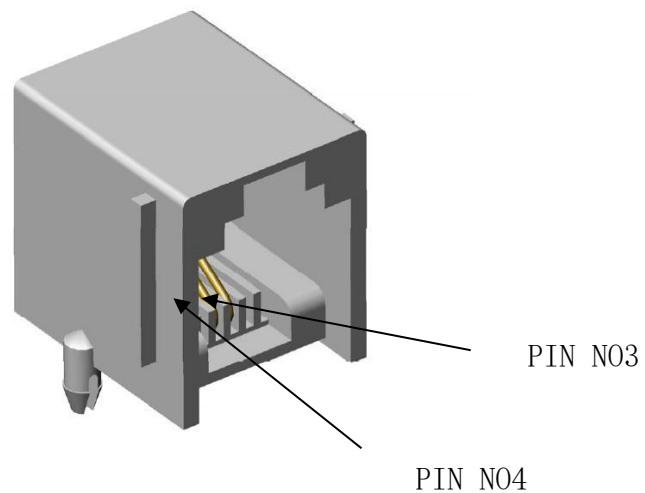
1.2 Silkscreen

- Color: Blue
- Font size (MM) CE=5±0.1, AS-GC2=2±0.1, ADSL=35±0.1, SPLITTER=35±0.1
- Font : Tahoma
- Location as picture



1.3 RJ11 (double sockets)

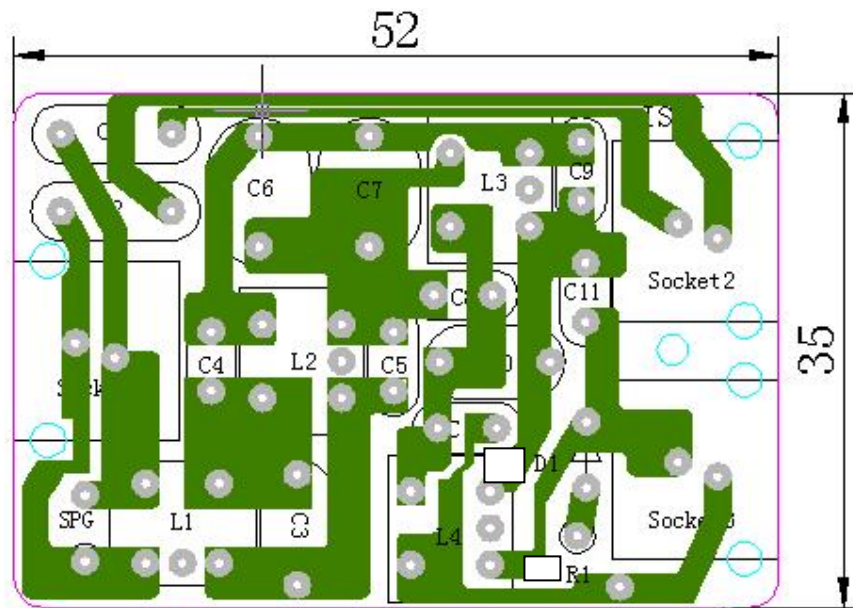
- Material:HIPS
- Color: black
- 6P2C
- Gold plated:FU



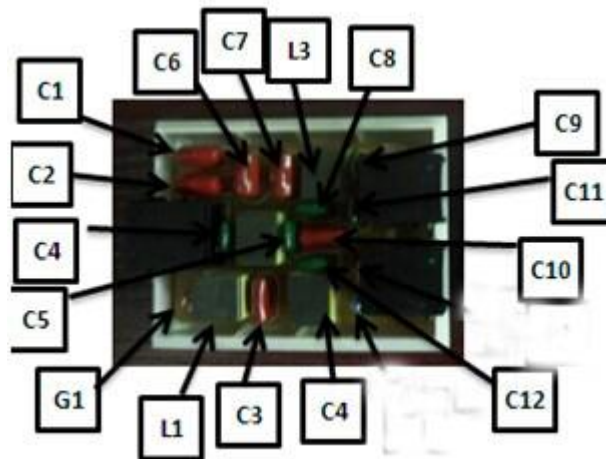


1.4 PCB

- Material:
- Model: :ISDN
- Number of layers: single sided board
- Dimension (mm) -see picture
- Thickness: : 1.6mm±0.1



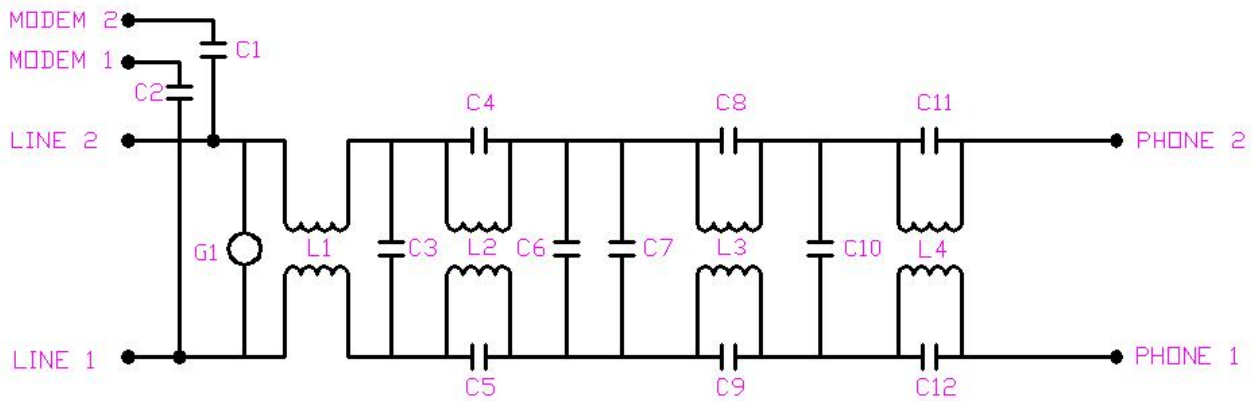
2 Product structure



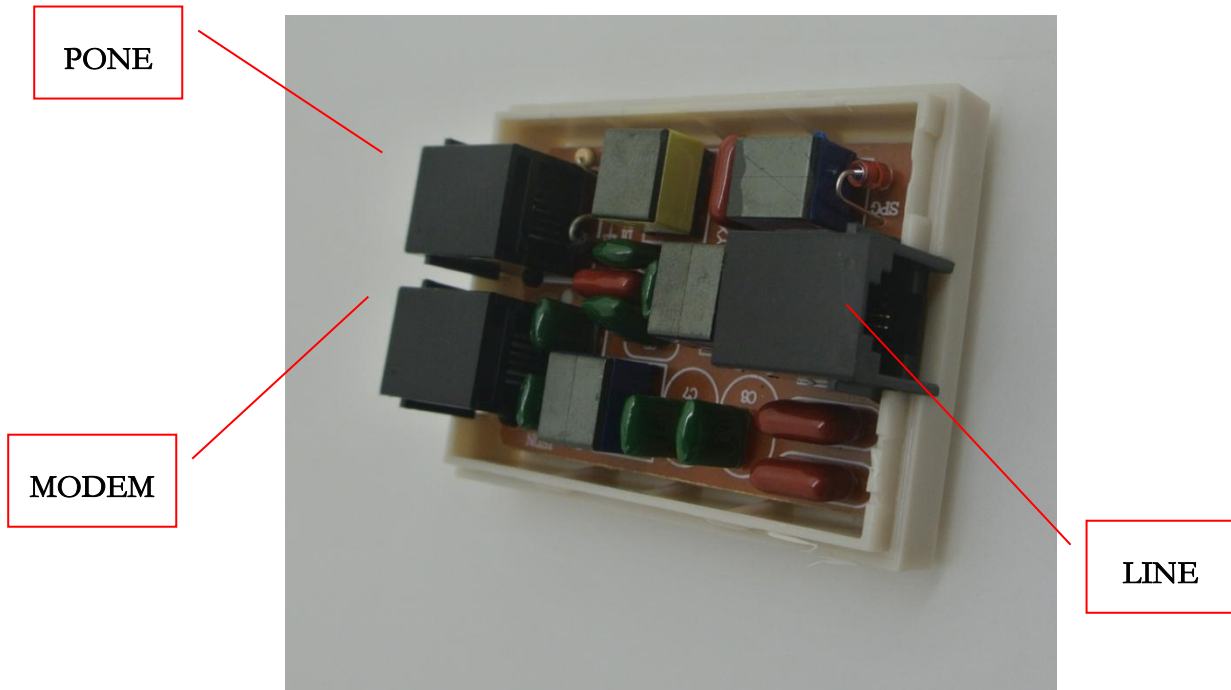


3 Electrical performance

3.1 Circuit schematic




3.2 Circuit layout





3.3 Electrical specification

POST PORT IMPEDANCE		Zr:135ohm(150 ohms *)
Modem impedance	32 kHz to 2208K Hz	100 Ω
ISDN Insertion loss	1.0KHz-40KHz	-0.8dB MAX
	1.0KHz-60KHz*	-1.2dB MAX
	40KHz-80KHz	-2.0dB MAX
	60KHz-80KHz*	-2.0dB MAX
Return loss	1KHz--40KHz	>16dB
	1KHz--60KHz*	>16dB
	40KHz--80KHz	>14dB
	60KHz--80KHz*	>14dB
DC resistance		<12.5 Ω
Insulation resistance	between A wire and B wire shall	>5MΩ
ISDN Delay distortion	1.0kHz-80KHz	< 20 usec
POTS Delay distortion	200Hz-4kHz	< 200usec
XDSL Attenuation	138KHz--150KHz	>55dB
	150KHz--1104KHz	>65dB
	1104KHz--12MHz	>55dB
Unbalance About Earth Voice band	300Hz--30KHz	>40dB
	30KHz--1104KHz	(ETSITR101952-1-3item6.5)
	1104kHz--5000kHz	>46dB

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4 Packing

4.1 SPLITTER packing: PVC polybag

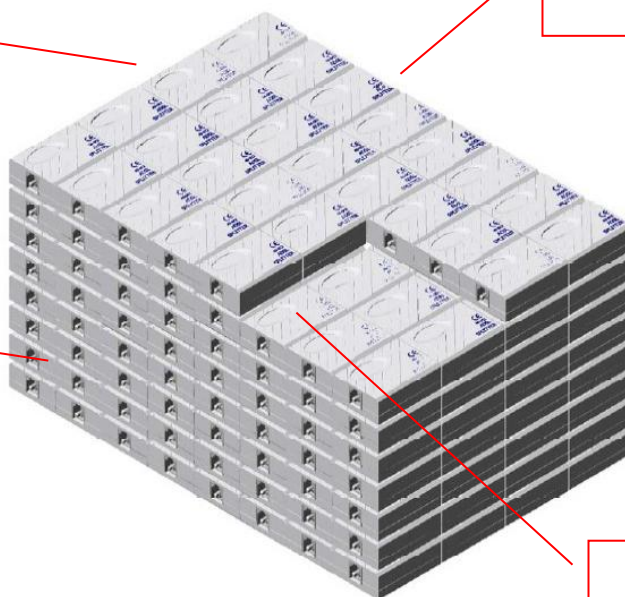


4.2 Place(See picture)

Horizontal 4PCS

Vertical 8PCS


Total 8 layers

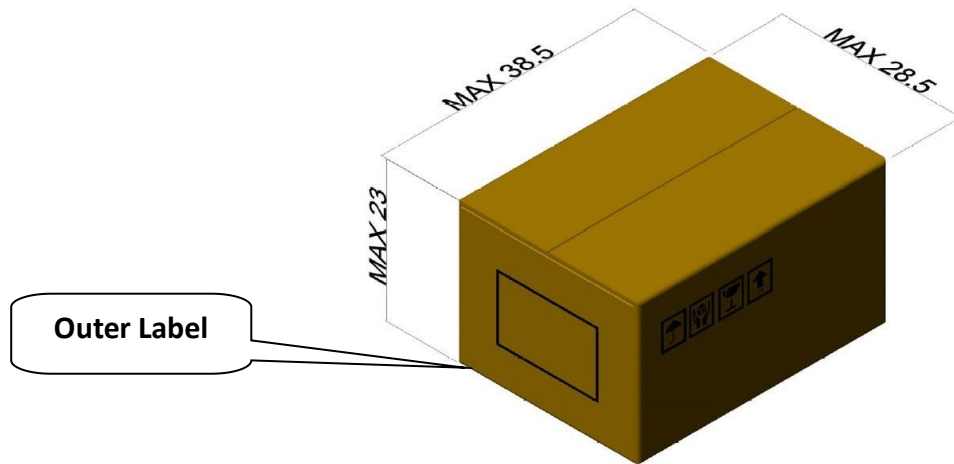


Less 6PCS

4.3 Outer Packing

- Material:K8K
- Dimension (CM) :38.5*28.5*23

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- Four small carton in a outer carton
- QTY:250
- N.W.:8.5
- G.W.:9.5