



# Service Manual

## Pasión Series

Passive Full-Range Karaoke Loudspeaker





# Table of Contents

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Datasheets and Specifications

Exploded View Diagrams

Network Assembly Diagram

Led Light Board Diagram

Bill of Materials



# Pasión 6

## Passive 6.5" Full-Range Karaoke Loudspeaker



### KEY FEATURES ■

- Passive 2-way, bass-reflex full-range karaoke loudspeaker
- 6.5" low-frequency woofer and dual 3" high-frequency tweeters
- Specially designed low-frequency woofer fitted with demodulating aluminum ring for high-power handling, low distortion and minimum power compression
- Rated power of 100W and sensitivity of 87dB offer unmatched output and sound quality
- JBL signature karaoke tuning provides excellent vocal and bass performance
- Sleek, stylish and modern design that is well-suited for a wide array of interior room designs
- PSL (Passive Sound Lighting) Technology illuminates the rotatable JBL Entertainment logo

Built with JBL's standard of excellence, the Pasión 6 is a passive 6.5" full-range karaoke loudspeaker that is designed for sound reinforcement for karaoke applications. In addition to superb sound quality, the Pasión 6 features a premium, sleek design that fits a variety of commercial KTV venues and restaurant entertainment rooms. Adding to the stylish form factor, the full-range speaker features an illuminated and rotatable JBL Entertainment logo, which allows venue owners to showcase the JBL brand and system quality. Altogether, with outstanding vocal and bass performance and striking aesthetics, the JBL Pasión 6 is perfect for a variety of KTV applications and provides karaoke-goers a memorable karaoke experience.

### FEATURES ■

#### SIGNATURE JBL KARAOKE SOUND

Because superior sound quality can elevate a KTV experience, JBL has emerged as the trusted leader in the karaoke-speaker market. The Pasión 6 continues JBL's KTV heritage with JBL's signature karaoke tuning. Providing excellent vocal and bass performance, karaoke-goers will clearly hear every note while singing their favorite songs.

#### PREMIUM COMPONENTS FOR EXCELLENT PERFORMANCE

From crystal-clear highs, to powerful accurate lows, the Pasión 6 delivers premium sonic performance for KTV applications. The speaker features two 3" high-efficiency tweeters that provide excellent high-frequency response, while the specially-designed 6.5" woofer is fitted with a demodulating aluminum ring for high-power handling, low distortion and minimum power compression.

#### STYLISH APPEARANCE AND DESIGN

Featuring a premium, sleek form factor, the Pasión 6 is designed to fit a variety of karaoke venues including

commercial KTV facilities and restaurant entertainment rooms. The full-range speaker also features PSL (Passive Sound Lighting) Technology, which illuminates the rotatable JBL Entertainment logo and allows venue owners to showcase the JBL brand and system quality.

#### UNCOMPROMISING QUALITY

Not only is the Pasión 6 constructed with high-grade components and materials, the loudspeaker endured JBL's rigorous testing to ensure it will withstand the test of time. With JBL's standard of audio excellence and durability, the Pasión 6 is built to sound great for the long haul.

#### FLEXIBLE INSTALLATION

As a member of the Pasión Series, which consists of five full-range speakers and a 12" subwoofer, the Pasión 6 provides venue owners flexible configuration options as it can be mixed and matched with other Pasión speakers.

### SPECIFICATIONS ■

<b>SYSTEM TYPE:</b>	6.5", 2-way, bass-reflex
<b>FREQUENCY RANGE (-10 dB)<sup>1</sup>:</b>	55 Hz - 17 kHz
<b>FREQUENCY RESPONSE (±3 dB)<sup>1</sup>:</b>	75 Hz - 14 kHz
<b>SENSITIVITY (1W@1M)<sup>1</sup>:</b>	87 dB
<b>NOMINAL IMPEDANCE:</b>	8 Ohms
<b>MAXIMUM SPL<sup>2</sup>:</b>	107 dB (113 dB peak)
<b>POWER RATING<sup>3</sup>:</b> <b>(CONTINUOUS/PROGRAM/PEAK)</b>	100 W/200 W/400 W
<b>COVERAGE PATTERN:</b>	100° × 120° (H × V)

<b>DIMENSIONS (H × W × D):</b>	222 mm × 396 mm × 257 mm 8.7 inch × 15.6 inch × 10.1 inch
<b>NET WEIGHT:</b>	7.5 Kg (16.5 lbs)
<b>LF DRIVER:</b>	1 × 6.5" Woofer
<b>HF DRIVER:</b>	2 × 3" Tweeter
<b>INPUT CONNECTORS:</b>	Binding Post
<b>ENCLOSURE CONSTRUCTION:</b>	Vinyl covered MDF

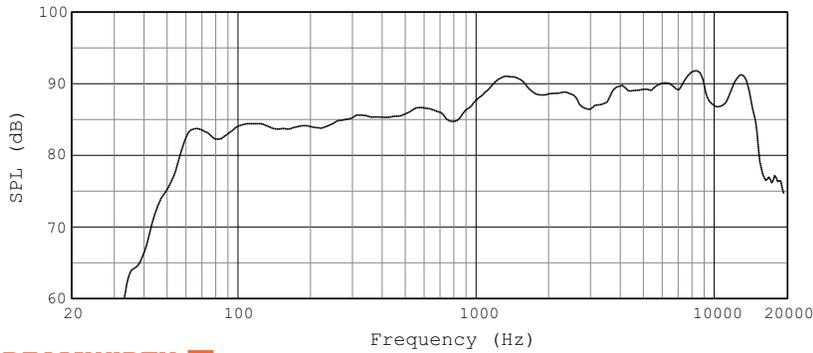
<sup>1</sup> Full space (4) conditions  
<sup>2</sup> Calculated maximum SPL based on rated power handling  
<sup>3</sup> IEC standard, pink noise with 6 dB crest factor for 100 hours

# Pasión 6

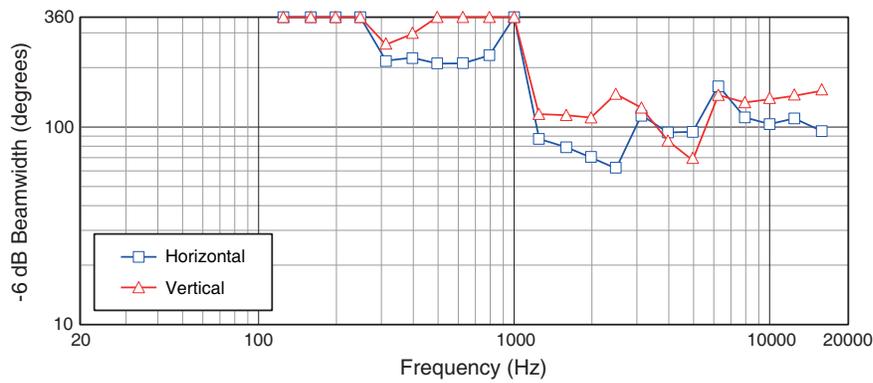


## Passive 6.5" Full-Range Karaoke Loudspeaker

### FREQUENCY RESPONSE ■

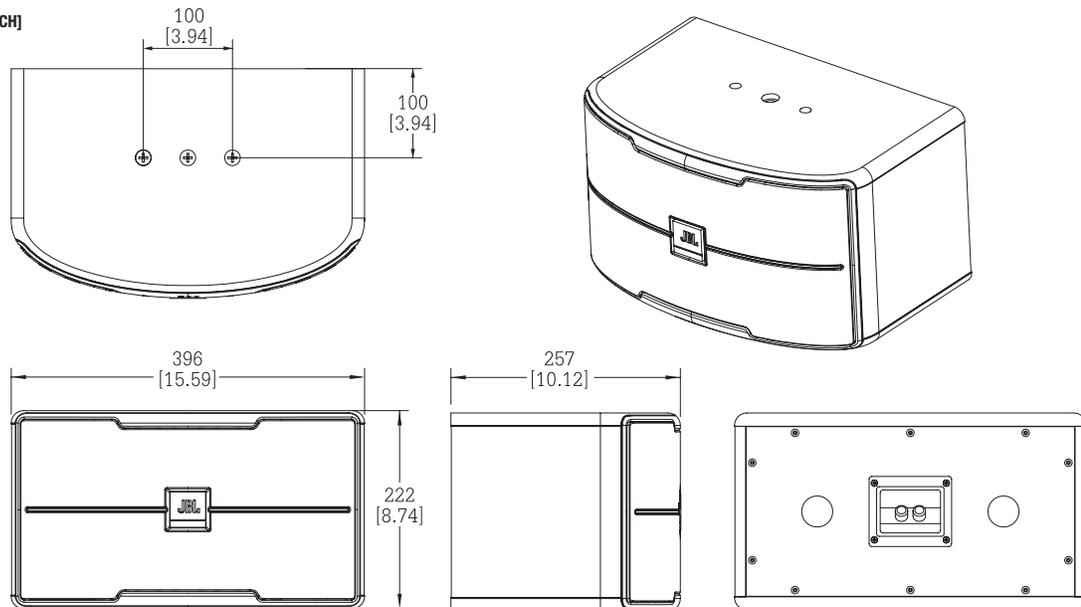


### BEAMWIDTH ■



### DIMENSIONS ■

DIMENSIONS IN MM [INCH]



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Issued: 10/10/19

# Pasión 6F

## Passive 6.5" Full-Range Karaoke Loudspeaker with Front-Facing Port



### KEY FEATURES ■

- Passive 2-way, bass-reflex full-range karaoke loudspeaker
- 6.5" low-frequency woofer and dual 3" high-frequency tweeters
- Specially designed low-frequency woofer fitted with demodulating aluminum ring for high-power handling, low distortion and minimum power compression
- Front-facing low-frequency port provides more installation possibilities
- Rated power of 100W and sensitivity of 87dB offer unmatched output and sound quality
- JBL signature karaoke tuning provides excellent vocal and bass performance
- Sleek, stylish and modern design that is well-suited for a wide array of interior room designs
- PSL (Passive Sound Lighting) Technology illuminates the rotatable JBL Entertainment logo
- Combines with the Pasión 12SP subwoofer via speaker strut for a portable solution

Built with JBL's standard of excellence, the Pasión 6F is a passive 6.5" full-range karaoke loudspeaker that is designed for sound reinforcement for karaoke applications. In addition to superb sound quality, the Pasión 6F features a premium, sleek design that fits a variety of commercial KTV venues and restaurant entertainment rooms. Adding to the stylish form factor, the full-range speaker features an illuminated and rotatable JBL Entertainment logo, which allows venue owners to showcase the JBL brand and system quality. Plus, the Pasión 6F is the only Pasión full-range speaker that features a front-facing low-frequency port, which provides wide bass coverage and added installation options. Altogether, with outstanding vocal and bass performance and striking aesthetics, the JBL Pasión 6F is perfect for a variety of KTV applications and provides karaoke-goers a memorable karaoke experience.

### FEATURES ■

#### SIGNATURE JBL KARAOKE SOUND

Because superior sound quality can elevate a KTV experience, JBL has emerged as the trusted leader in the karaoke-speaker market. The Pasión 6F continues JBL's KTV heritage with JBL's signature karaoke tuning. Providing excellent vocal and bass performance, karaoke-goers will clearly hear every note while singing their favorite songs.

#### PREMIUM COMPONENTS FOR EXCELLENT PERFORMANCE

From crystal-clear highs, to powerful accurate lows, the Pasión 6F delivers premium sonic performance for KTV applications. The speaker features two 3" high-efficiency tweeters that provide excellent high-frequency response, while the specially-designed 6.5" woofer is fitted with a demodulating aluminum ring for high-power handling, low distortion and minimum power compression.

#### FRONT-FACING LOW-FREQUENCY PORT

Separating itself from other Pasión models, the Pasión 6F is the only full-range speaker in the series to feature a front-facing low-frequency port. With this design, the acoustic port disperses bass across a wide coverage area, which makes

the Pasión 6F perfect for larger karaoke rooms. Also, the front-facing port provides the speaker with added installation options, as venue owners can position the Pasión 6F closer to walls or ceilings for design or space-saving purposes.

#### STYLISH APPEARANCE AND DESIGN

Featuring a premium, sleek form factor, the Pasión 6F is designed to fit a variety of karaoke venues including commercial KTV facilities and restaurant entertainment rooms. The full-range speaker also features PSL (Passive Sound Lighting) Technology, which illuminates the rotatable JBL Entertainment logo and allows venue owners to showcase the JBL brand and system quality.

#### UNCOMPROMISING QUALITY

Not only is the Pasión 6F constructed with high-grade components and materials, the loudspeaker endured JBL's rigorous testing to ensure it will withstand the test of time. With JBL's standard of audio excellence and durability, the Pasión 6F is built to sound great for the long haul.



# Pasión 6F

## Passive 6.5" Full-Range Karaoke Loudspeaker with Front-Facing Port

### FLEXIBLE INSTALLATION

As a member of the Pasión Series, which consists of five full-range speakers and a 12" subwoofer, the Pasión 6F provides venue owners flexible configuration options as it can be mixed

and matched with other Pasión speakers. The 6F loudspeaker can also be combined with the Pasión 12SP sub via speaker strut to create a portable solution.

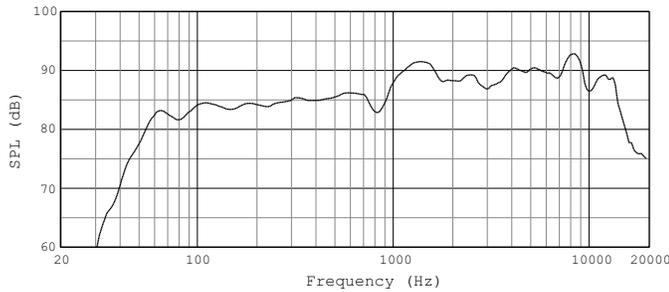
### SPECIFICATIONS

<b>SYSTEM TYPE:</b>	6.5", 2-way, bass-reflex
<b>FREQUENCY RANGE (-10 dB)<sup>1</sup>:</b>	53 Hz - 17 kHz
<b>FREQUENCY RESPONSE (±3 dB)<sup>1</sup>:</b>	75 Hz - 14 kHz
<b>SENSITIVITY (1W@1M)<sup>1</sup>:</b>	87 dB
<b>NOMINAL IMPEDANCE:</b>	8 Ohms
<b>MAXIMUM SPL<sup>2</sup>:</b>	107 dB (113 dB peak)
<b>POWER RATING<sup>3</sup>:</b>	100 W/200 W/400 W
<b>(CONTINUOUS/PROGRAM/PEAK)</b>	
<b>COVERAGE PATTERN:</b>	100° × 120° (H × V)

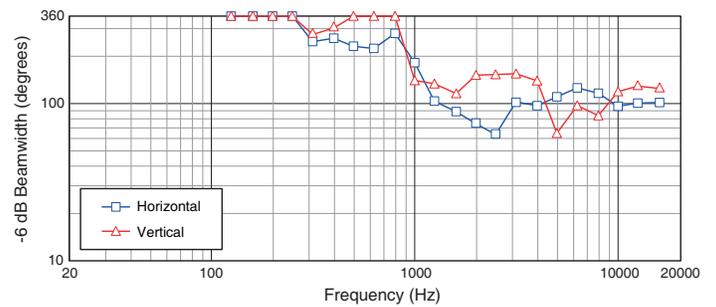
<b>DIMENSIONS (H × W × D):</b>	222 mm × 396 mm × 257 mm 8.7 inch × 15.6 inch × 10.1 inch
<b>NET WEIGHT:</b>	7.5 Kg (16.5 lbs)
<b>LF DRIVER:</b>	1 × 6.5" Woofer
<b>HF DRIVER:</b>	2 × 3" Tweeter
<b>INPUT CONNECTORS:</b>	Spring push type terminal
<b>ENCLOSURE CONSTRUCTION:</b>	Vinyl covered MDF

- 1 Full space (4) conditions
- 2 Calculated maximum SPL based on rated power handling
- 3 IEC standard, pink noise with 6 dB crest factor for 100 hours

### FREQUENCY RESPONSE

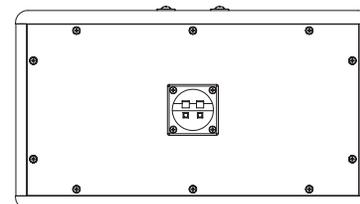
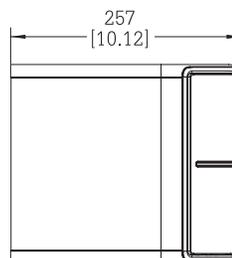
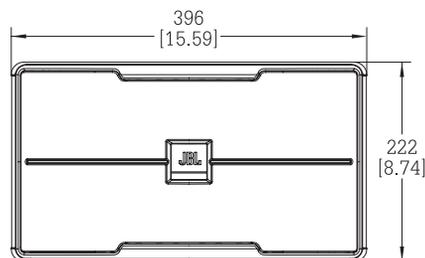
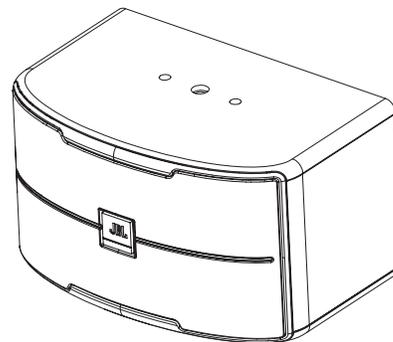
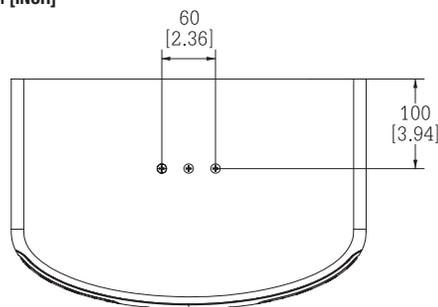


### BEAMWIDTH



### DIMENSIONS

DIMENSIONS IN MM [INCH]



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Issued: 10/2019

# Pasión 8

## Passive 8" Full-Range Karaoke Loudspeaker



### KEY FEATURES ■

- Passive 2-way, bass-reflex full-range karaoke loudspeaker
- 8" low-frequency woofer and dual 3" high-frequency tweeters
- Specially designed low-frequency woofer fitted with demodulating aluminum ring for high-power handling, low distortion and minimum power compression
- Rated power of 150W and sensitivity of 88dB offer unmatched output and sound quality
- JBL signature karaoke tuning provides excellent vocal and bass performance
- Sleek, stylish and modern design that is well-suited for a wide array of interior room designs
- PSL (Passive Sound Lighting) Technology illuminates the JBL Entertainment logo

Built with JBL's standard of excellence, the Pasión 8 is a passive 8" full-range karaoke loudspeaker that is designed for sound reinforcement for karaoke applications. In addition to superb sound quality, the Pasión 8 features a premium, sleek design that fits a variety of commercial KTV venues and restaurant entertainment rooms. Adding to the stylish form factor, the full-range speaker features an illuminated JBL Entertainment logo, which allows venue owners to showcase the JBL brand and system quality. Altogether, with outstanding vocal and bass performance and striking aesthetics, the JBL Pasión 8 is perfect for a variety of KTV applications and provides karaoke-goers a memorable karaoke experience.

### FEATURES ■

#### SIGNATURE JBL KARAOKE SOUND

Because superior sound quality can elevate a KTV experience, JBL has emerged as the trusted leader in the karaoke-speaker market. The Pasión 8 continues JBL's KTV heritage with JBL's signature karaoke tuning. Providing excellent vocal and bass performance, karaoke-goers will clearly hear every note while singing their favorite songs.

#### PREMIUM COMPONENTS FOR EXCELLENT PERFORMANCE

From crystal-clear highs, to powerful accurate lows, the Pasión 8 delivers premium sonic performance for KTV applications. The speaker features two 3" high-efficiency tweeters that provide excellent high-frequency response, while the specially-designed 8" woofer is fitted with a demodulating aluminum ring for high-power handling, low distortion and minimum power compression.

#### STYLISH APPEARANCE AND DESIGN

Featuring a premium, sleek form factor, the Pasión 8 is designed to fit a variety of karaoke venues including

commercial KTV facilities and restaurant entertainment rooms. The full-range speaker also features PSL (Passive Sound Lighting) Technology, which illuminates the JBL Entertainment logo and allows venue owners to showcase the JBL brand and system quality.

#### UNCOMPROMISING QUALITY

Not only is the Pasión 8 constructed with high-grade components and materials, the loudspeaker endured JBL's rigorous testing to ensure it will withstand the test of time. With JBL's standard of audio excellence and durability, the Pasión 8 is built to sound great for the long haul.

#### FLEXIBLE INSTALLATION

As a member of the Pasión Series, which consists of five full-range speakers and a 12" subwoofer, the Pasión 8 provides venue owners flexible configuration options as it can be mixed and matched with other Pasión speakers.

### SPECIFICATIONS ■

<b>SYSTEM TYPE:</b>	8", 2-way, bass-reflex
<b>FREQUENCY RANGE (-10 dB)<sup>1</sup>:</b>	53 Hz - 17 kHz
<b>FREQUENCY RESPONSE (±3 dB)<sup>1</sup>:</b>	70 Hz - 14 kHz
<b>SENSITIVITY (1W@1M)<sup>1</sup>:</b>	88 dB
<b>NOMINAL IMPEDANCE:</b>	8 Ohms
<b>MAXIMUM SPL<sup>2</sup>:</b>	110 dB (116 dB peak)
<b>POWER RATING<sup>3</sup>:</b>	150 W/300 W/600 W
<b>(CONTINUOUS/PROGRAM/PEAK)</b>	
<b>COVERAGE PATTERN:</b>	120° × 120° (H × V)

<b>DIMENSIONS (H × W × D):</b>	253 mm × 452 mm × 277 mm 10.0 inch × 17.8 inch × 10.9 inch
<b>NET WEIGHT:</b>	8.67 Kg (19.1 lbs)
<b>LF DRIVER:</b>	1 × 8" Woofer
<b>HF DRIVER:</b>	2 × 3" Tweeter
<b>INPUT CONNECTORS:</b>	Binding Post
<b>ENCLOSURE CONSTRUCTION:</b>	Vinyl covered MDF

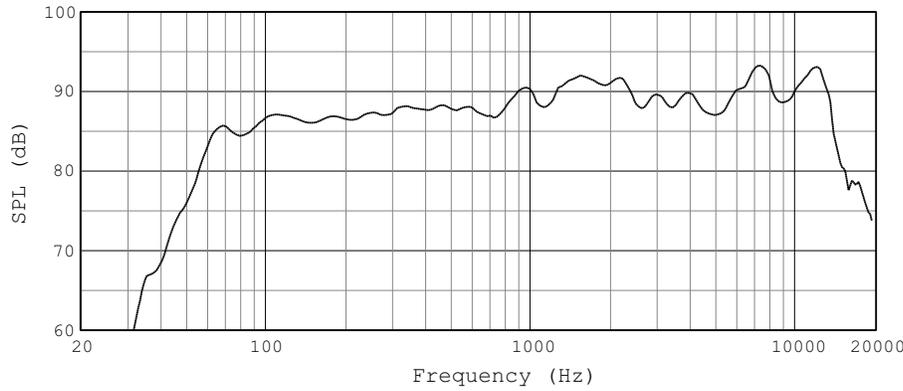
<sup>1</sup> Full space (4) conditions  
<sup>2</sup> Calculated maximum SPL based on rated power handling  
<sup>3</sup> IEC standard, pink noise with 6 dB crest factor for 100 hours

# Pasión 8

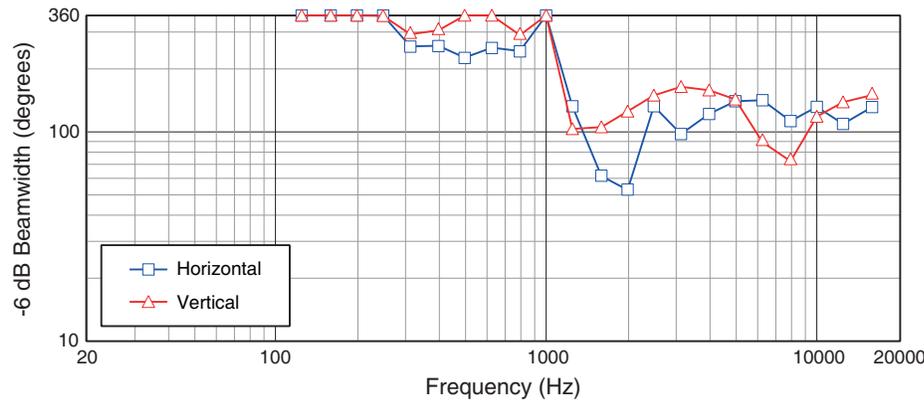


## Passive 8" Full-Range Karaoke Loudspeaker

### FREQUENCY RESPONSE ■

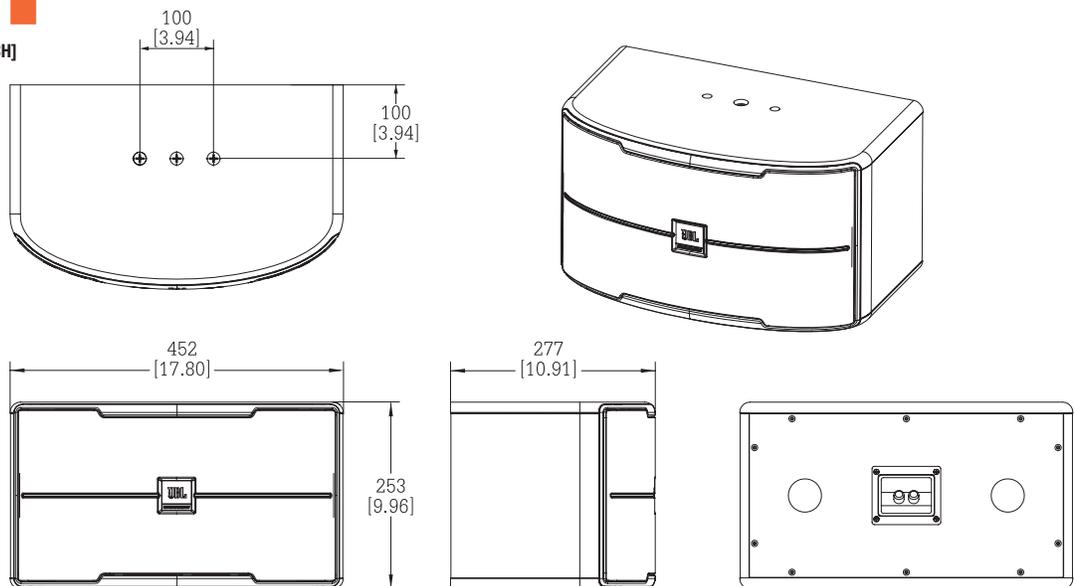


### BEAMWIDTH ■



### DIMENSIONS ■

DIMENSIONS IN MM [INCH]



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Issued: 10/10/19

# Pasión 10

## Passive 10" Full-Range Karaoke Loudspeaker



### KEY FEATURES ■

- Passive 3-way, bass-reflex full-range karaoke loudspeaker
- 10" low-frequency woofer, dual 3" high-frequency tweeters and dual 3" mid-range tweeters
- Specially designed low-frequency woofer fitted with demodulating aluminum ring for high-power handling, low distortion and minimum power compression
- Rated power of 200W and sensitivity of 90dB offer unmatched output and sound quality
- JBL signature karaoke tuning provides excellent vocal and bass performance
- Sleek, stylish and modern design that is well-suited for a wide array of interior room designs
- PSL (Passive Sound Lighting) Technology illuminates the JBL Entertainment logo

Built with JBL's standard of excellence, the Pasión 10 is a passive 10" full-range karaoke loudspeaker that is designed for sound reinforcement for karaoke applications. In addition to superb sound quality, the Pasión 10 features a premium, sleek design that fits a variety of commercial KTV venues and restaurant entertainment rooms. Adding to the stylish form factor, the full-range speaker features an illuminated JBL Entertainment logo, which allows venue owners to showcase the JBL brand and system quality. Altogether, with outstanding vocal and bass performance and striking aesthetics, the JBL Pasión 10 is perfect for a variety of KTV applications and provides karaoke-goers a memorable karaoke experience.

### FEATURES ■

#### SIGNATURE JBL KARAOKE SOUND

Because superior sound quality can elevate a KTV experience, JBL has emerged as the trusted leader in the karaoke-speaker market. The Pasión 10 continues JBL's KTV heritage with JBL's signature karaoke tuning. Providing excellent vocal and bass performance, karaoke-goers will clearly hear every note while singing their favorite songs.

#### PREMIUM COMPONENTS FOR EXCELLENT PERFORMANCE

From crystal-clear highs, to powerful accurate lows, the Pasión 10 delivers premium sonic performance for KTV applications. The speaker features four 3" high-efficiency tweeters that provide excellent high and mid-range frequency response, while the specially-designed 10" woofer is fitted with a demodulating aluminum ring for high-power handling, low distortion and minimum power compression.

#### STYLISH APPEARANCE AND DESIGN

Featuring a premium, sleek form factor, the Pasión 10 is designed to fit a variety of karaoke venues including

commercial KTV facilities and restaurant entertainment rooms. The full-range speaker also features PSL (Passive Sound Lighting) Technology, which illuminates the JBL Entertainment logo and allows venue owners to showcase the JBL brand and system quality.

#### UNCOMPROMISING QUALITY

Not only is the Pasión 10 constructed with high-grade components and materials, the loudspeaker also endured JBL's rigorous testing to ensure it will withstand the test of time. With JBL's standard of audio excellence and durability, the Pasión 10 is built to sound great for the long haul.

#### FLEXIBLE INSTALLATION

As a member of the Pasión Series, which consists of five full-range speakers and a 12" subwoofer, the Pasión 10 provides venue owners flexible configuration options as it can be mixed and matched with other Pasión speakers.

### SPECIFICATIONS ■

<b>SYSTEM TYPE:</b>	10", 3-way, bass-reflex
<b>FREQUENCY RANGE (-10 dB)<sup>1</sup>:</b>	50 Hz - 17 kHz
<b>FREQUENCY RESPONSE (±3 dB)<sup>1</sup>:</b>	65 Hz - 14 kHz
<b>SENSITIVITY (1W@1M)<sup>1</sup>:</b>	90 dB
<b>NOMINAL IMPEDANCE:</b>	8 Ohms
<b>MAXIMUM SPL<sup>2</sup>:</b>	113 dB (119 dB peak)
<b>POWER RATING<sup>3</sup>:</b> (CONTINUOUS/PROGRAM/PEAK)	200 W/400 W/800 W
<b>COVERAGE PATTERN:</b>	120° × 90° (H × V)

<b>DIMENSIONS (H × W × D):</b>	292 mm × 521 mm × 320 mm 11.5 inch × 20.5 inch × 12.6 inch
<b>NET WEIGHT:</b>	11 Kg (24.3 lbs)
<b>LF DRIVER:</b>	1 × 10" Woofer
<b>HF DRIVER:</b>	4 × 3" Tweeter
<b>INPUT CONNECTORS:</b>	Binding Post
<b>ENCLOSURE CONSTRUCTION:</b>	Vinyl covered MDF

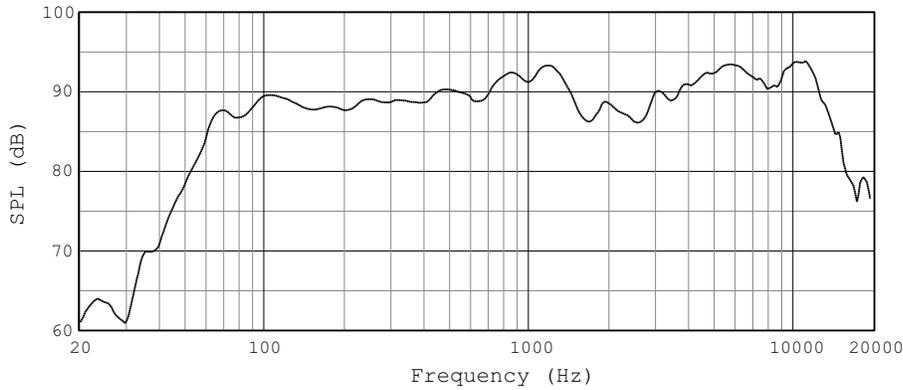
<sup>1</sup> Full space (4) conditions  
<sup>2</sup> Calculated maximum SPL based on rated power handling  
<sup>3</sup> IEC standard, pink noise with 6 dB crest factor for 100 hours

# Pasión 10

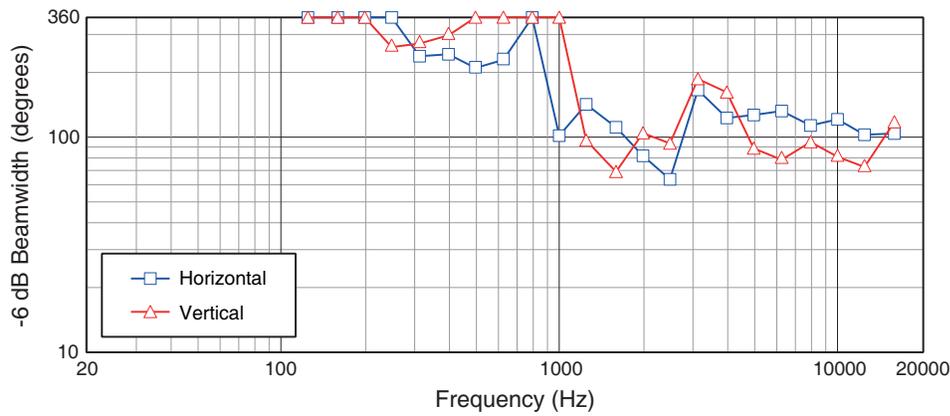


## Passive 10" Full-Range Karaoke Loudspeaker

### FREQUENCY RESPONSE ■

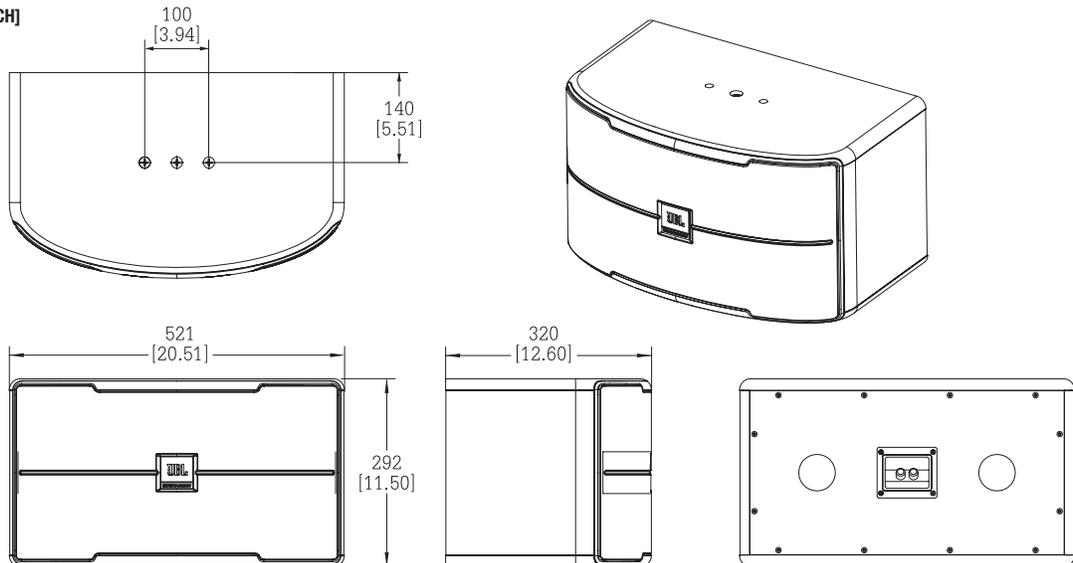


### BEAMWIDTH ■



### DIMENSIONS ■

DIMENSIONS IN MM [INCH]



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# Pasión 12

## Passive 12" Full-Range Karaoke Loudspeaker



### KEY FEATURES ■

- Passive 3-way, bass-reflex full-range karaoke loudspeaker
- 12" low-frequency woofer, dual 3" high-frequency tweeters and dual 3" mid-range tweeters
- Specially designed low-frequency woofer fitted with demodulating aluminum ring for high-power handling, low distortion and minimum power compression
- Rated power of 250W and sensitivity of 91dB offer unmatched output and sound quality
- JBL signature karaoke tuning provides excellent vocal and bass performance
- Sleek, stylish and modern design that is well-suited for a wide array of interior room designs
- PSL (Passive Sound Lighting) Technology illuminates the JBL Entertainment logo

Built with JBL's standard of excellence, the Pasión 12 is a passive 12" full-range karaoke loudspeaker that is designed for sound reinforcement for karaoke applications. In addition to superb sound quality, the Pasión 12 features a premium, sleek design that fits a variety of commercial KTV venues and restaurant entertainment rooms. Adding to the stylish form factor, the full-range speaker features an illuminated JBL Entertainment logo, which allows venue owners to showcase the JBL brand and system quality. Altogether, with outstanding vocal and bass performance and striking aesthetics, the JBL Pasión 12 is perfect for a variety of KTV applications and provides karaoke-goers a memorable karaoke experience.

### FEATURES ■

#### SIGNATURE JBL KARAOKE SOUND

Because superior sound quality can elevate a KTV experience, JBL has emerged as the trusted leader in the karaoke-speaker market. The Pasión 12 continues JBL's KTV heritage with JBL's signature karaoke tuning. Providing excellent vocal and bass performance, karaoke-goers will clearly hear every note while singing their favorite songs.

#### PREMIUM COMPONENTS FOR EXCELLENT PERFORMANCE

From crystal-clear highs, to powerful accurate lows, the Pasión 12 delivers premium sonic performance for KTV applications. The speaker features four 3" high-efficiency tweeters that provide excellent high and mid-range frequency response, while the specially-designed 12" woofer is fitted with a demodulating aluminum ring for high-power handling, low distortion and minimum power compression.

#### STYLISH APPEARANCE AND DESIGN

Featuring a premium, sleek form factor, the Pasión 12 is designed to fit a variety of karaoke venues including

commercial KTV facilities and restaurant entertainment rooms. The full-range speaker also features PSL (Passive Sound Lighting) Technology, which illuminates the JBL Entertainment logo and allows venue owners to showcase the JBL brand and system quality.

#### UNCOMPROMISING QUALITY

Not only is the Pasión 12 constructed with high-grade components and materials, the loudspeaker endured JBL's rigorous testing to ensure it will withstand the test of time. With JBL's standard of audio excellence and durability, the Pasión 12 is built to sound great for the long haul.

#### FLEXIBLE INSTALLATION

As a member of the Pasión Series, which consists of five full-range speakers and a 12" subwoofer, the Pasión 12 provides venue owners flexible configuration options as it can be mixed and matched with other Pasión speakers.

### SPECIFICATIONS ■

<b>SYSTEM TYPE:</b>	12", 3-way, bass-reflex
<b>FREQUENCY RANGE (-10 dB)<sup>1</sup>:</b>	47 Hz - 17 kHz
<b>FREQUENCY RESPONSE (±3 dB)<sup>1</sup>:</b>	60 Hz - 14 kHz
<b>SENSITIVITY (1W@1M)<sup>1</sup>:</b>	91 dB
<b>NOMINAL IMPEDANCE:</b>	8 Ohms
<b>MAXIMUM SPL<sup>2</sup>:</b>	115 dB (121 dB peak)
<b>POWER RATING<sup>3</sup>:</b>	250 W/500 W/1000 W
<b>(CONTINUOUS/PROGRAM/PEAK)</b>	
<b>COVERAGE PATTERN:</b>	120° × 90° (H × V)

<b>DIMENSIONS (H × W × D):</b>	350 mm × 586 mm × 375 mm 13.8 inch × 23.1 inch × 14.8 inch
<b>NET WEIGHT:</b>	17.48 Kg (38.5 lbs)
<b>LF DRIVER:</b>	1 × 12" Woofer
<b>HF DRIVER:</b>	4 × 3" Tweeter
<b>INPUT CONNECTORS:</b>	Binding Post
<b>ENCLOSURE CONSTRUCTION:</b>	Vinyl covered MDF

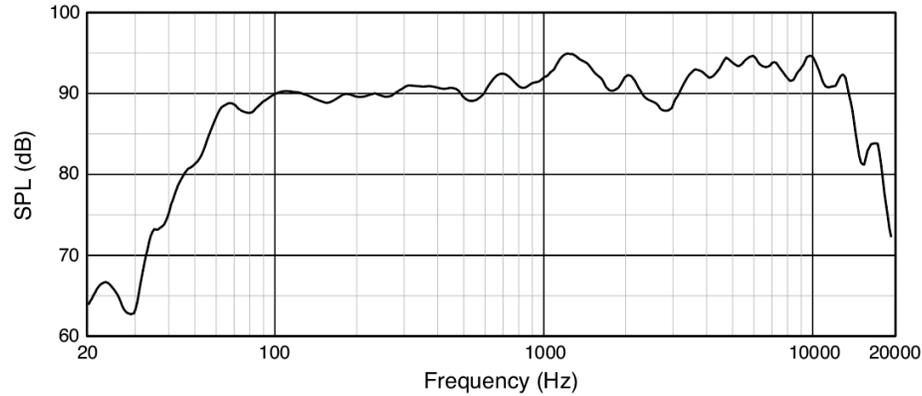
- 1 Full space (4) conditions
- 2 Calculated maximum SPL based on rated power handling
- 3 IEC standard, pink noise with 6 dB crest factor for 100 hours

# Pasión 12

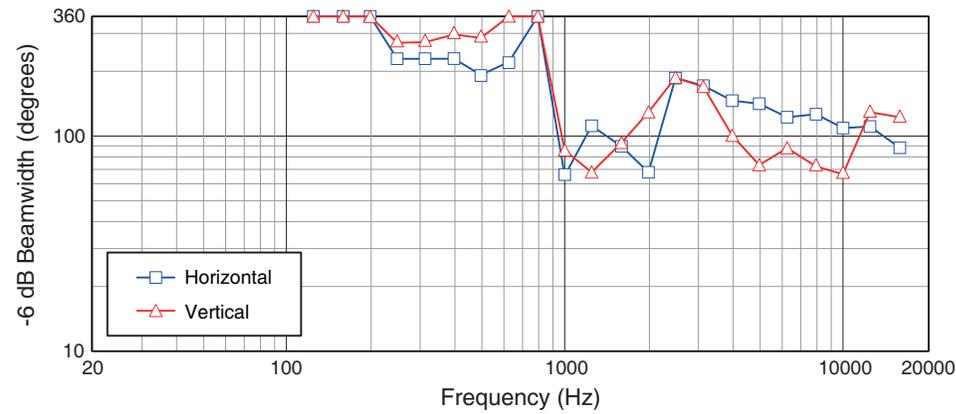
Passive 12" Full-Range Karaoke Loudspeaker



## FREQUENCY RESPONSE ■

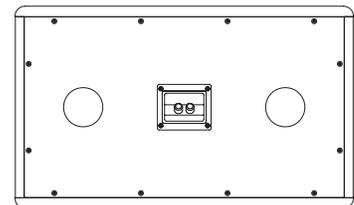
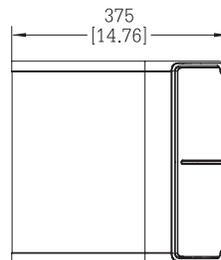
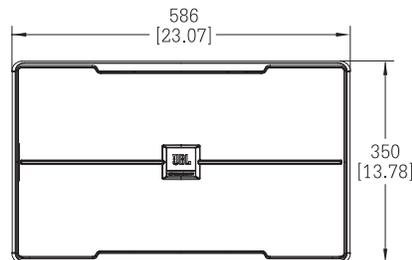
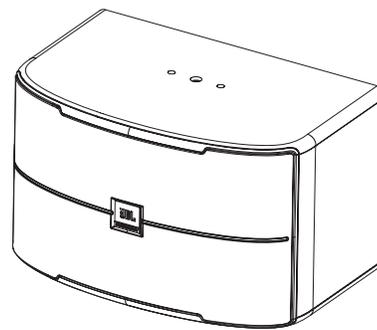
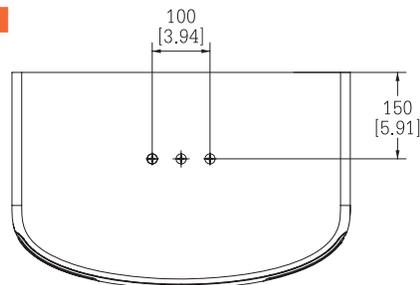


## BEAMWIDTH ■

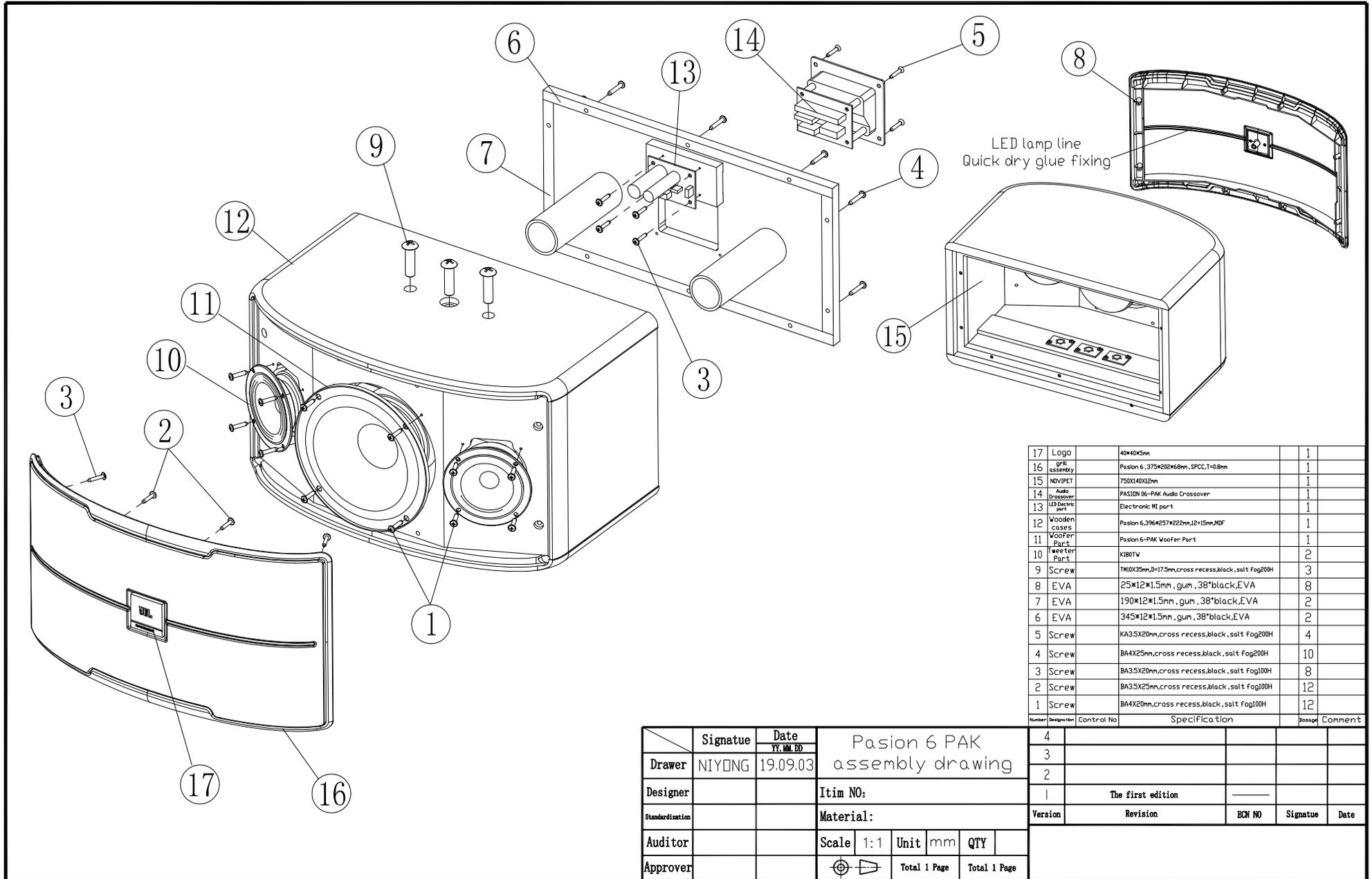


## DIMENSIONS ■

DIMENSIONS IN MM [INCH]



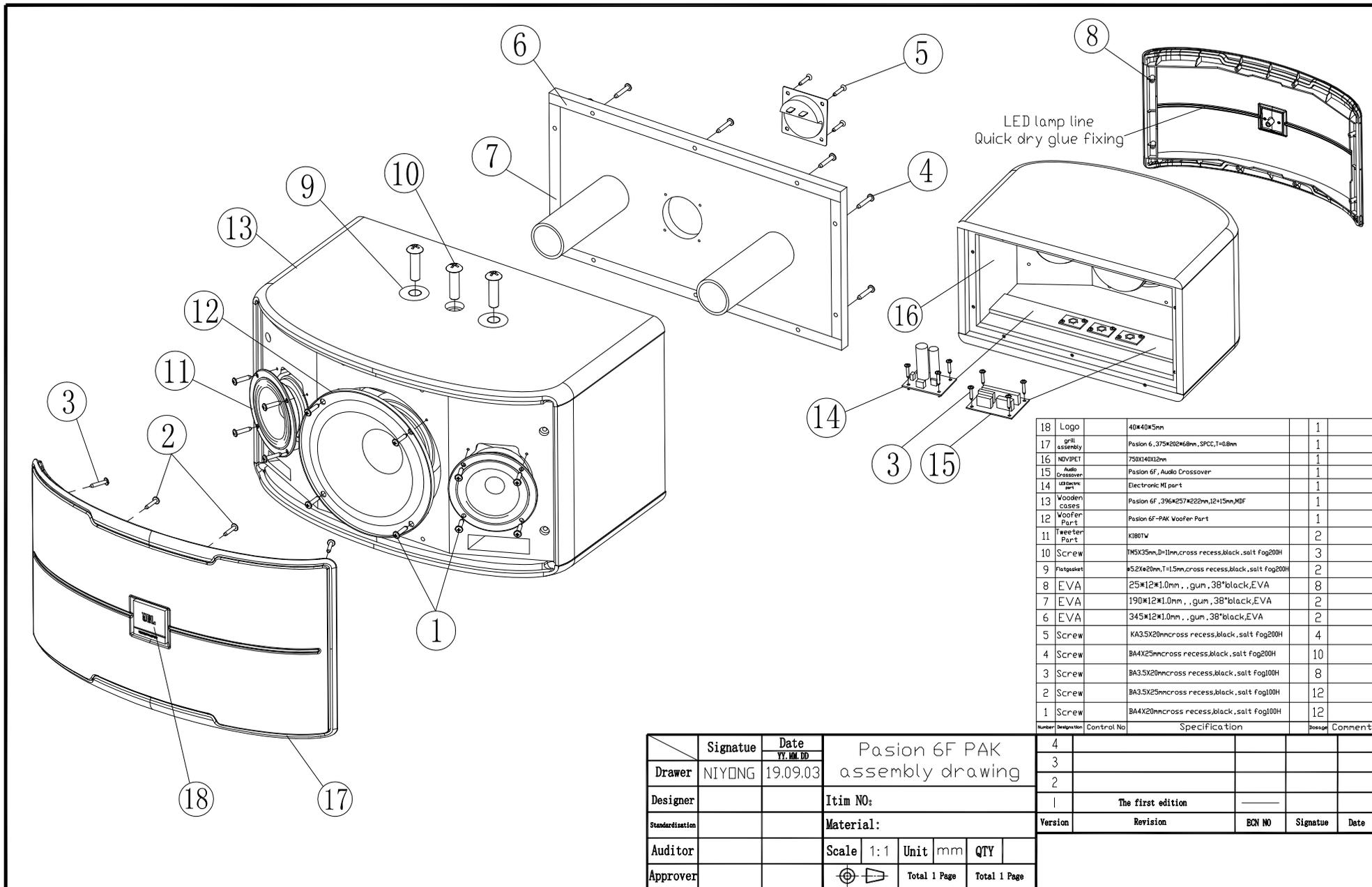
HARMAN Professional 8500 Balboa Blvd. Northridge, CA 91329 USA



17	Logo	40*40*5mm		1	
16	Grill assembly	Pasion 6_375*202*68mm,SPCC,T=0.8mm		1	
15	NDVPET	750X140X12mm		1	
14	Audio Crossover	PASION 06-PAK Audio Crossover		1	
13	LED tweeter part	Electronic MI part		1	
12	Wooden cases	Pasion 6_396*257*222mm,12*15mm,MDF		1	
11	Woofer Part	Pasion 6-PAK Woofer Part		1	
10	Tweeter Part	K1801V		2	
9	Screw	TM10X35mm,D=17.5mm,cross recess,black ,salt fog200H		3	
8	EVA	25*12*1.5mm , gum ,38*black,EVA		8	
7	EVA	190*12*1.5mm , gum ,38*black,EVA		2	
6	EVA	345*12*1.5mm , gum ,38*black,EVA		2	
5	Screw	KA3.5X20mm,cross recess,black ,salt fog200H		4	
4	Screw	BA4X25mm,cross recess,black ,salt fog200H		10	
3	Screw	BA3.5X20mm,cross recess,black ,salt fog100H		8	
2	Screw	BA3.5X25mm,cross recess,black ,salt fog100H		12	
1	Screw	BA4X20mm,cross recess,black ,salt fog100H		12	
Number	Designation	Control No	Specification	Package	Comment

	Signature	Date	Pasion 6 PAK assembly drawing			
Drawer	NIYONG	19.09.03				
Designer			Item NO:			
Standardisation			Material:			
Auditor			Scale	1:1	Unit	mm
Approver					QTY	
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4					
3					
2					
1	The first edition				
Version	Revision	ECN NO	Signature	Date	

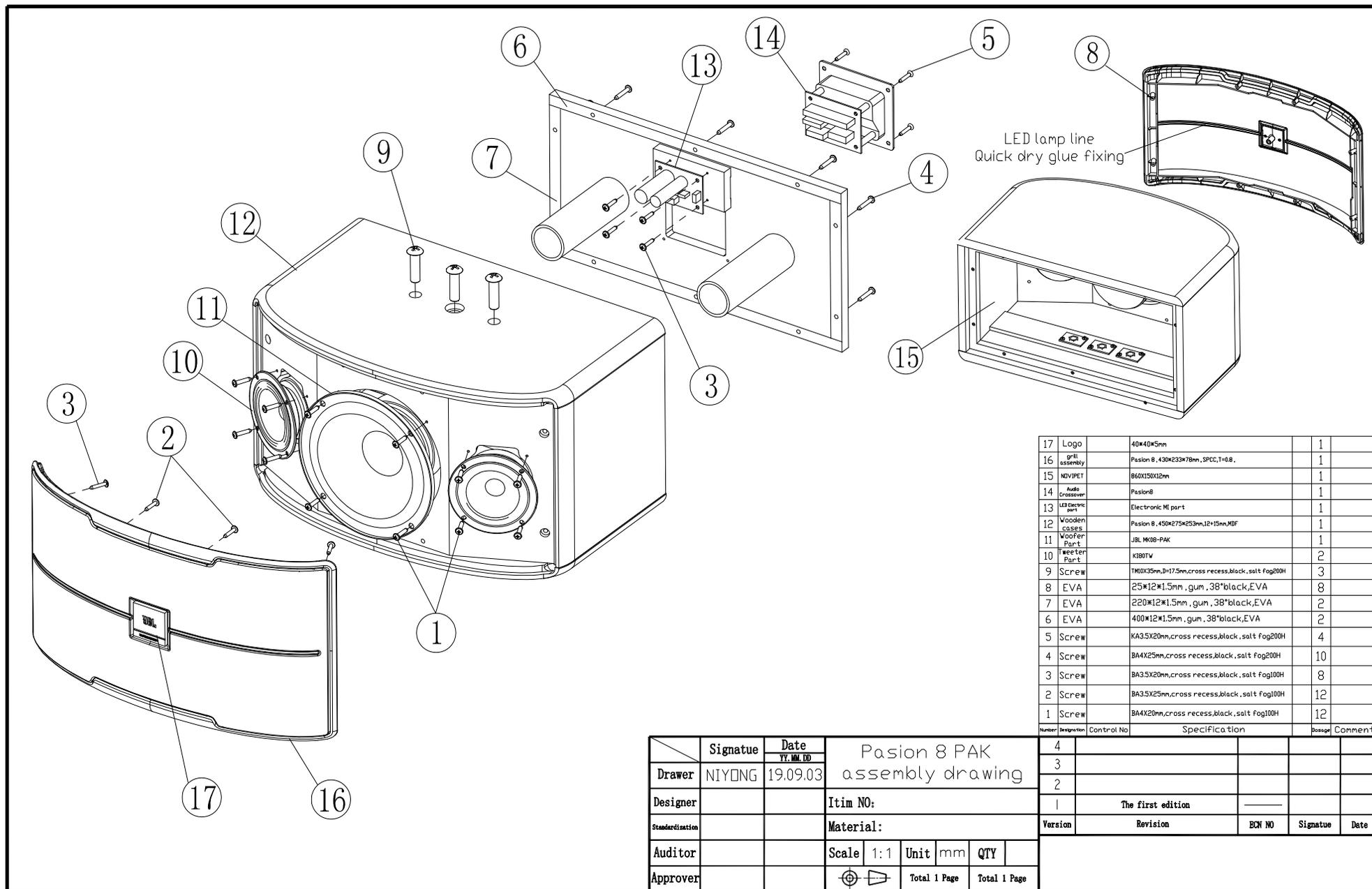


LED lamp line  
Quick dry glue fixing

18	Logo	40*40*5mm	1		
17	grill assembly	Pasion 6_375*202*68mm.SPCC,T=0.8mm	1		
16	NDV/PET	750X140X12mm	1		
15	Audio Crossover	Pasion 6F, Audio Crossover	1		
14	Electronic MI part	Electronic MI part	1		
13	Wooden cases	Pasion 6F_396*257*222mm,12*15mm,MDF	1		
12	Woofer Part	Pasion 6F-PAK Woofer Part	1		
11	Woofer Part	K1801W	2		
10	Screw	TMSX35mm,D=11mm,cross recess,black,salt fog200H	3		
9	Platesheet	φ5.2*1e20mm,T=1.5mm,cross recess,black,salt fog200H	2		
8	EVA	25*12*1.0mm, .gum,.38*black,EVA	8		
7	EVA	190*12*1.0mm, .gum,.38*black,EVA	2		
6	EVA	345*12*1.0mm, .gum,.38*black,EVA	2		
5	Screw	KA3.5X20mmcross recess,black,salt fog200H	4		
4	Screw	BA4X25mmcross recess,black,salt fog200H	10		
3	Screw	BA3.5X20mmcross recess,black,salt fog100H	8		
2	Screw	BA3.5X25mmcross recess,black,salt fog100H	12		
1	Screw	BA4X20mmcross recess,black,salt fog100H	12		
Number	Designation	Control No	Specification	posage	Comment

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Designer			Itim NO:			
Standardisation			Material:			
Auditor			Scale	1:1	Unit	mm
Approver					QTY	
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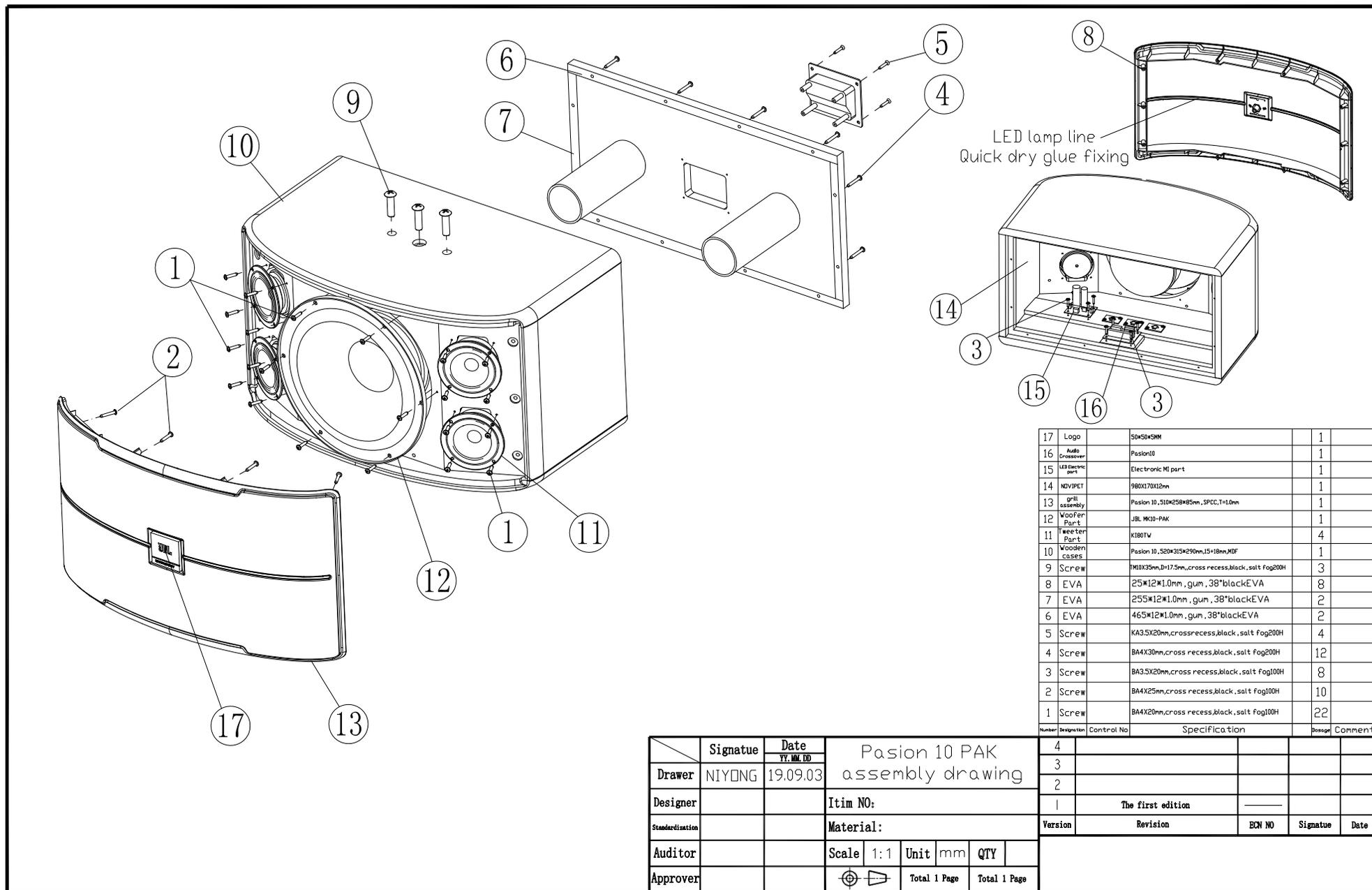
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1	The first edition				
Version	Revision	ECN NO	Signature	Date	



17	Logo	40*40*5mm	1		
16	grill assembly	Pasion 8 ,430*233*78mm ,SPCC,T=0.8 .	1		
15	NDVPET	860X150X12mm	1		
14	Auto Crossover	Pasion8	1		
13	LED electronic part	Electronic MI part	1		
12	Wooden cases	Pasion 8 ,450*275*253mm,12*15mm,MDF	1		
11	Woolfer Part	JBL MK08-PAK	1		
10	wester Part	K380TV	2		
9	Screw	TM0X35mm,B=17.5mm,cross recess,black ,salt fog200H	3		
8	EVA	25*12*1.5mm , gum ,38*black,EVA	8		
7	EVA	220*12*1.5mm , gum ,38*black,EVA	2		
6	EVA	400*12*1.5mm , gum ,38*black,EVA	2		
5	Screw	KA3.5X20mm,cross recess,black ,salt fog200H	4		
4	Screw	BA4X25mm,cross recess,black ,salt fog200H	10		
3	Screw	BA3.5X20mm,cross recess,black ,salt fog100H	8		
2	Screw	BA3.5X25mm,cross recess,black ,salt fog100H	12		
1	Screw	BA4X20mm,cross recess,black ,salt fog100H	12		
Number	Description	Control No	Specification	bosses	Comment

	Signature	Date	Pasion 8 PAK assembly drawing			
Drawer	NIYONG	19.09.03				
Designer			Item NO:			
Standardisation			Material:			
Auditor			Scale	1:1	Unit	mm
Approver					QTY	
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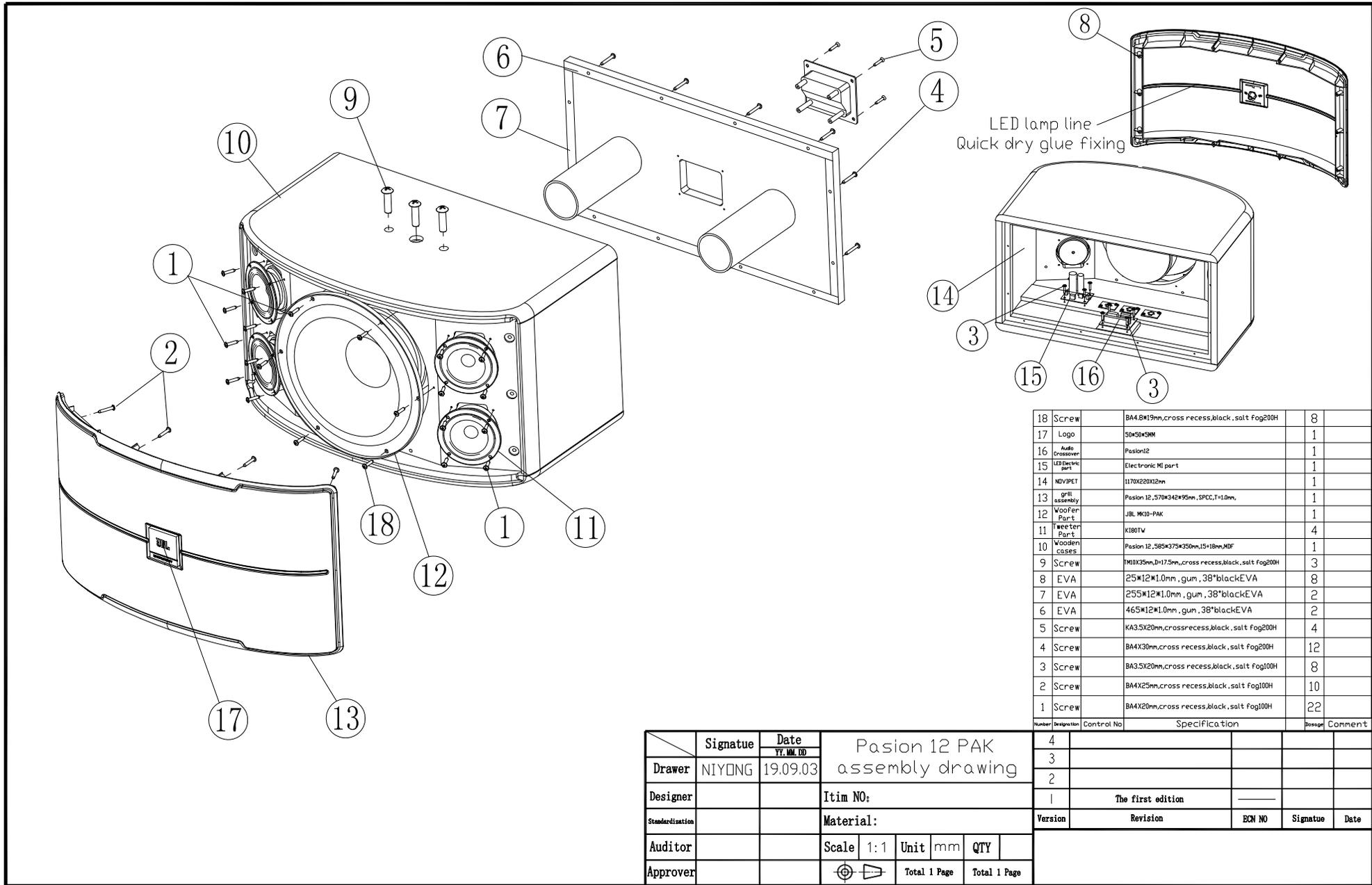
4					
3					
2					
1	The first edition				
Version	Revision	ECN NO	Signature	Date	



17	Logo	50*50*5MM	1
16	Audio Crossover	Pasion10	1
15	LED Electric part	Electronic MI part	1
14	NDVIPET	980X170X12mm	1
13	grill assembly	Pasion 10, 510*258*85mm, SPCC, T=1.0mm	1
12	Woofer Part	JBL MC10-PAK	1
11	Tweeter Part	K180TV	4
10	Wooden cases	Pasion 10, 520*315*290mm, 15+18mm, MDF	1
9	Screw	M8X35mm, D=17.5mm, cross recess, black, salt fog200H	3
8	EVA	25*12*1.0mm, gum, 38*blackEVA	8
7	EVA	255*12*1.0mm, gum, 38*blackEVA	2
6	EVA	465*12*1.0mm, gum, 38*blackEVA	2
5	Screw	KA3.5X20mm, cross recess, black, salt fog200H	4
4	Screw	BA4X30mm, cross recess, black, salt fog200H	12
3	Screw	BA3.5X20mm, cross recess, black, salt fog100H	8
2	Screw	BA4X25mm, cross recess, black, salt fog100H	10
1	Screw	BA4X20mm, cross recess, black, salt fog100H	22

	Signature	Date	Pasion 10 PAK assembly drawing			
Drawer	NIYONG	19.09.03				
Designer			Item NO:			
Standardisation			Material:			
Auditor			Scale	1:1	Unit	mm
Approver					QTY	
			⊕	▶	Total 1 Page	Total 1 Page

Number	Designation	Control No	Specification	Posse	Comment
4					
3					
2					
1	The first edition				
Version	Revision	ECN NO	Signature	Date	



18	Screw	BA4.8*19mm,cross recess,black ,salt fog200H	8		
17	Logo	50*50*3MM	1		
16	Audio Crossover	Pasion12	1		
15	LED electronic part	Electronic MI part	1		
14	NDVIPET	1170X280X12mm	1		
13	grill assembly	Pasion 12 ,570*342*95mm ,SPCC,T+1.0mm,	1		
12	Woofer Part	JBL MC10-PAK	1		
11	Tweeter Part	K180TV	4		
10	Wooden cases	Pasion 12 ,585*375*350mm,15+18mm,MDF	1		
9	Screw	M8X35mm,D=17.5mm,cross recess,black ,salt fog200H	3		
8	EVA	25*12*1.0mm , gum , 38*blackEVA	8		
7	EVA	255*12*1.0mm , gum , 38*blackEVA	2		
6	EVA	465*12*1.0mm , gum , 38*blackEVA	2		
5	Screw	KA3.5X20mm,crossrecess,black ,salt fog200H	4		
4	Screw	BA4X30mm,cross recess,black ,salt fog200H	12		
3	Screw	BA3.5X20mm,cross recess,black ,salt fog100H	8		
2	Screw	BA4X25mm,cross recess,black ,salt fog100H	10		
1	Screw	BA4X20mm,cross recess,black ,salt fog100H	22		
Number	Description	Control No	Specification	Posse	Comment

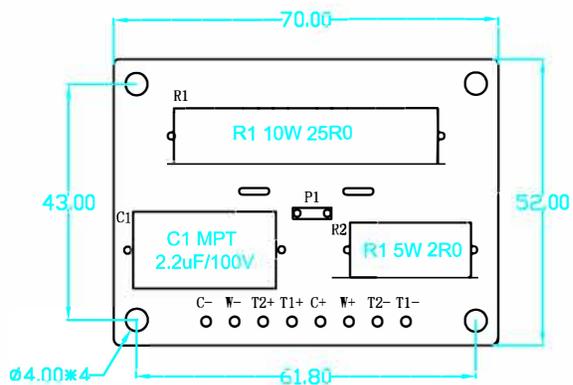
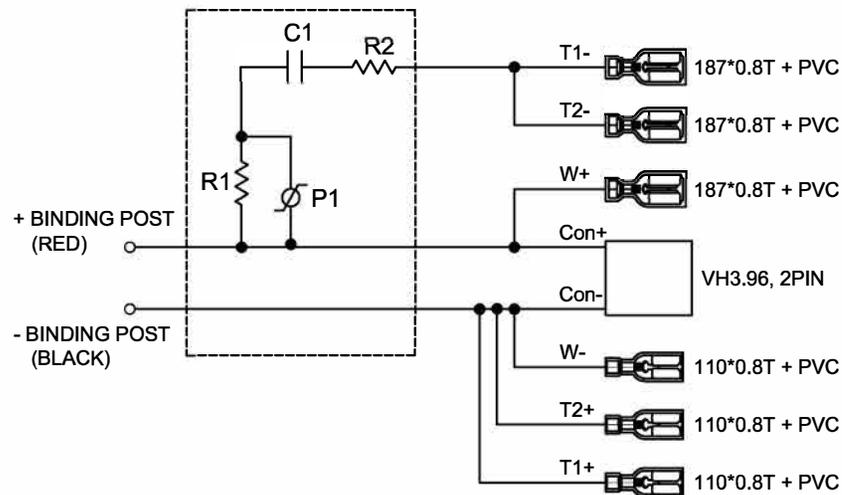
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Standardisation			Material:			
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Approver					QTY	
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4					
3					
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1	The first edition				
Version	Revision	ECN NO	Signature	Date	

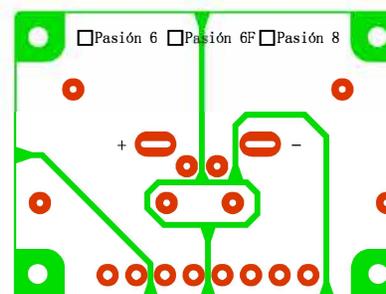
# Network Assembly Diagrams



a  
s  
d  
f  
a  
s  
d  
f  
a  
s  
d



PCB-零件面 / components surface



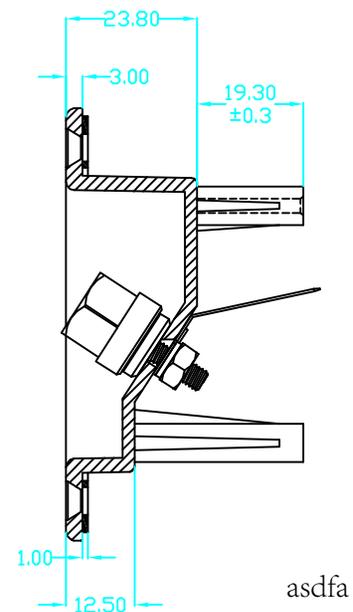
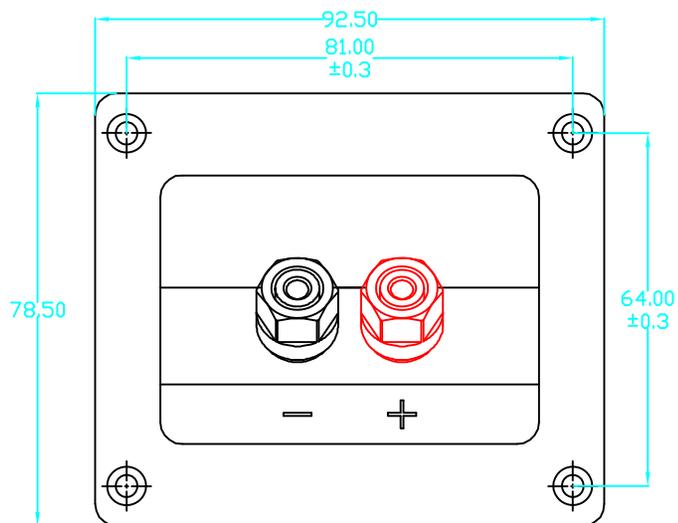
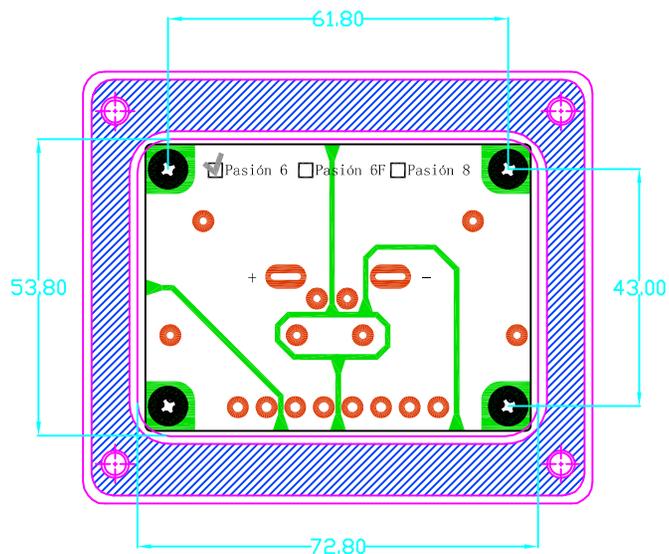
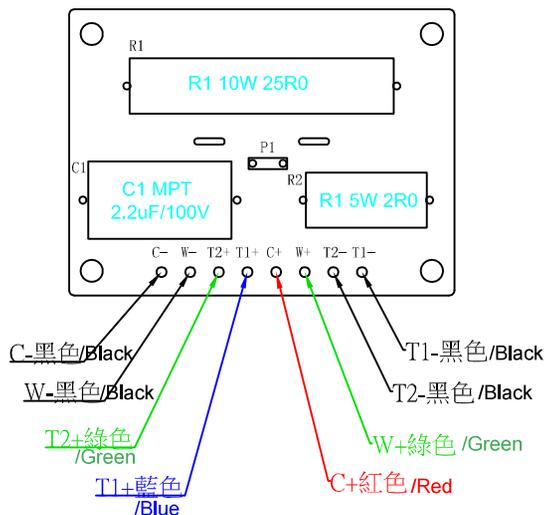
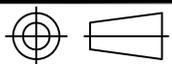
PCB-銅箔面 / copper clad surface

公差 TOLERANCE	
0mm~4.99mm	±0.2
5mm~9.99mm	±0.3
10mm~14.99mm	±0.4
15mm~20mm	±0.5
20.01mm~	±0.6

記號	變更日期	變更內容
△		
△		
△		

材質 MATERIAL				機種名稱 MODEL	Pasión 6
XXXXXXX				物料名稱	Crossover
單位 WEIGHT	-- g	核準 APPROVED	審查 CHECKED	制圖 DRAWING	
比例 SCALE	1:1	吳俊陞		周雪蓮	
版次 SHEET	V1	2019.08.22		2019.08.22	
單位 UNIT	mm				物料編號 PART NO.
					PCB

BS2-RD-02 (附件三) A版

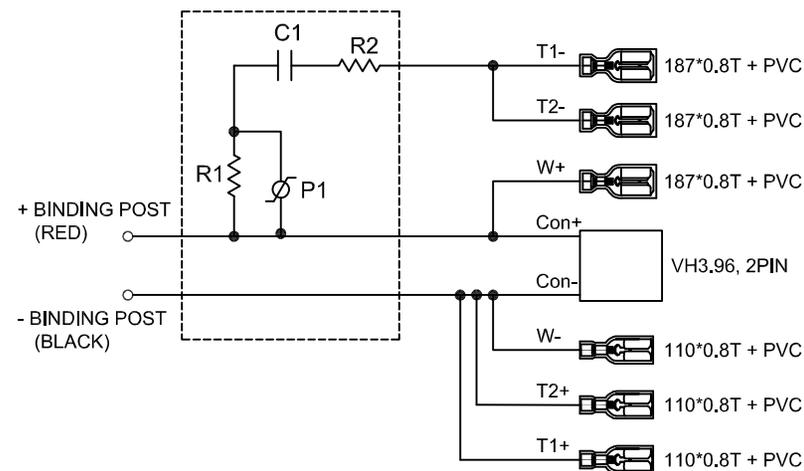
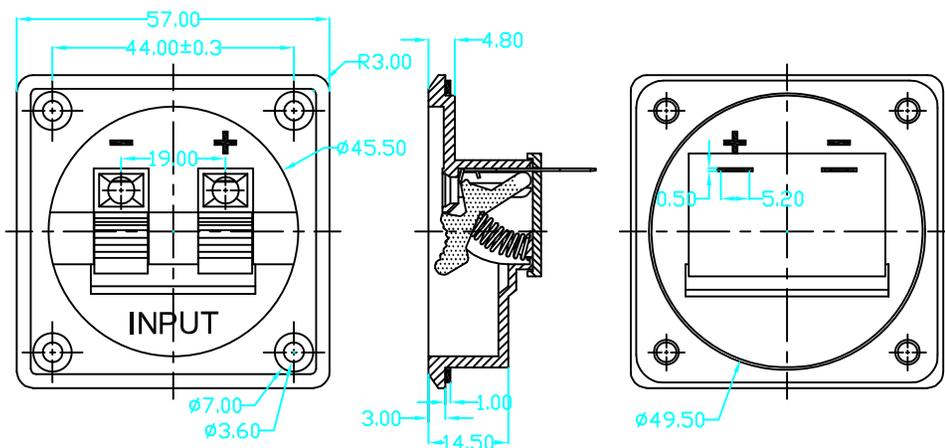
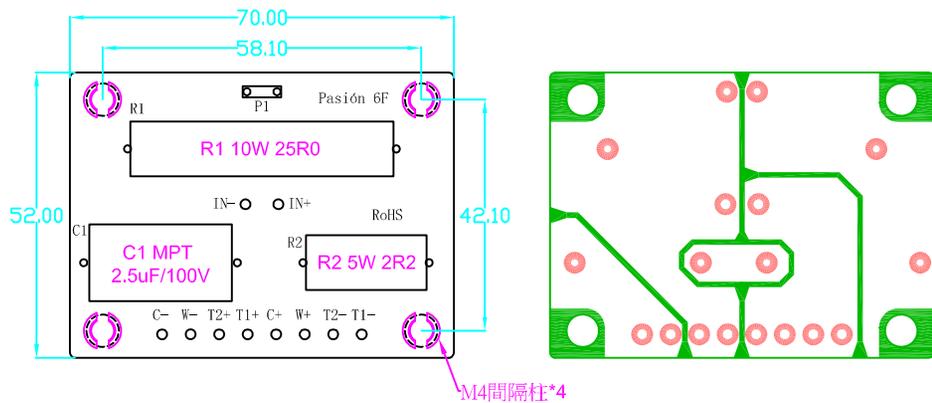
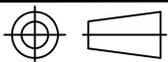


公差 TOLERANCE

0mm~4.99mm	±0.2
5mm~9.99mm	±0.3
10mm~14.99mm	±0.4
15mm~20mm	±0.5
20.01mm~	±0.6

記號	變更日期	變更內容
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△		
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材質 MATERIAL	XXXXXXX			機種名稱 MODEL	Pasión 6
單重 WEIGHT	--g			物料名稱	Crossover
比例 SCALE	1:1	核準 APPROVED	審查 CHECKED	制圖 DRAWING	PART NAME
版次 SHEET	V1	吳俊陞		周雪蓮	物料編號
單位 UNIT	mm	2019.08.22		2019.08.22	PART NO.

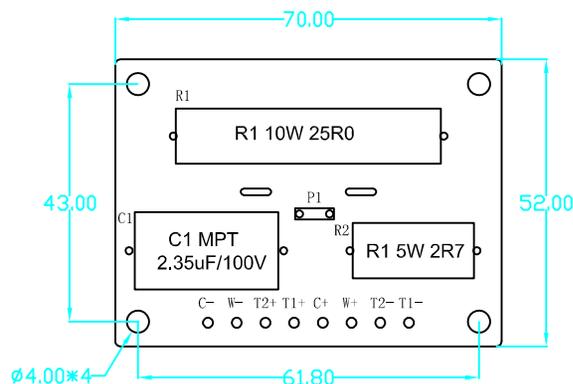
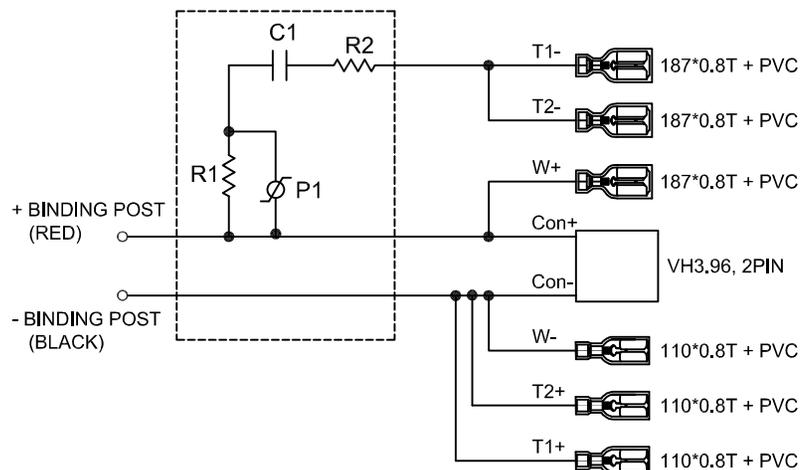
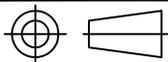


公差 TOLERANCE

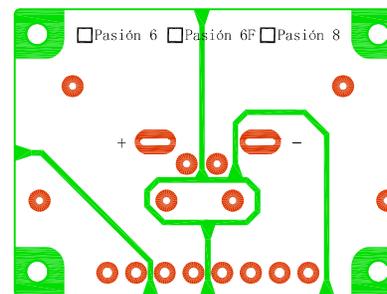
0mm~4.99mm	±0.2
5mm~9.99mm	±0.3
10mm~14.99mm	±0.4
15mm~20mm	±0.5
20.01mm~	±0.6

記號	變更日期	變更內容
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材質 MATERIAL	XXXXXXX			機種名稱 MODEL	Pasión 6F
單位 WEIGHT	-- g			物料名稱 PART NAME	Crossover
比例 SCALE	1:1	核準 APPROVED	審查 CHECKED	制圖 DRAWING	
版次 SHEET	V1	吳俊陞		周雪蓮	
單位 UNIT	mm	2019.09.20		2019.09.20	
				物料編號 PART NO.	



PCB-零件面/components surface



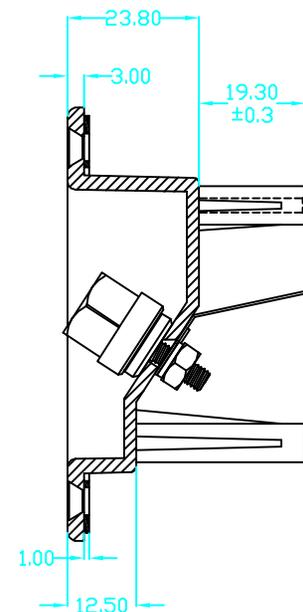
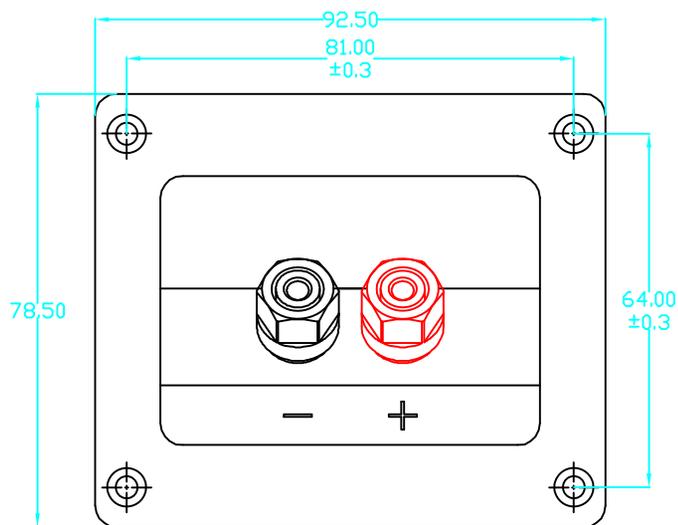
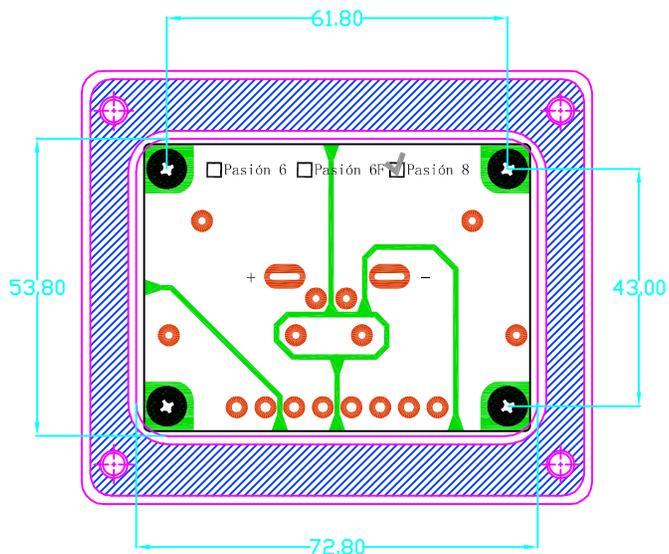
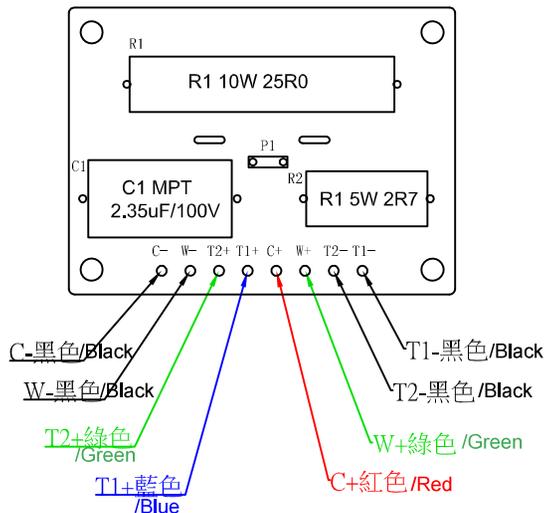
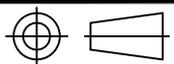
PCB-銅箔面/copper clad surface

公差 TOLERANCE

0mm~4.99mm	±0.2
5mm~9.99mm	±0.3
10mm~14.99mm	±0.4
15mm~20mm	±0.5
20.01mm~	±0.6

記號	變更日期	變更內容
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▲		

材質 MATERIAL	XXXXXXX			機種名稱 MODEL	Pasión 8
單重 WEIGHT	--g			物料名稱 PART NAME	Crossover
比例 SCALE	1:1	核準 APPROVED	審查 CHECKED	制圖 DRAWING	
版次 SHEET	V1	吳俊陞		周雪蓮	物料編號 PART NO.
單位 UNIT	mm	2019.08.22		2019.08.22	PCB

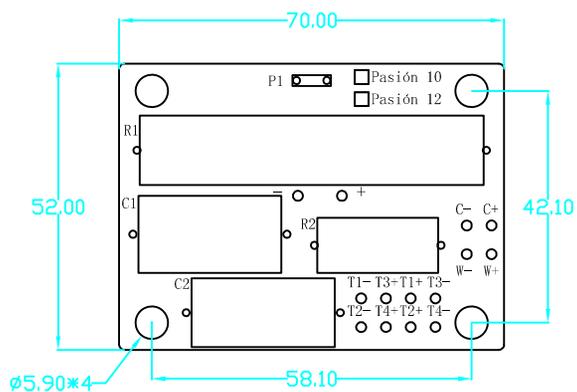
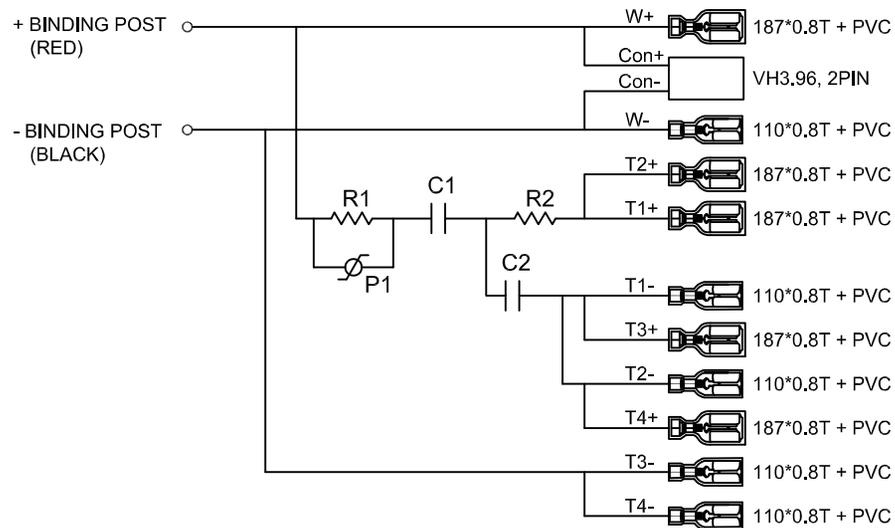
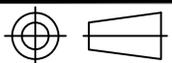


公差 TOLERANCE

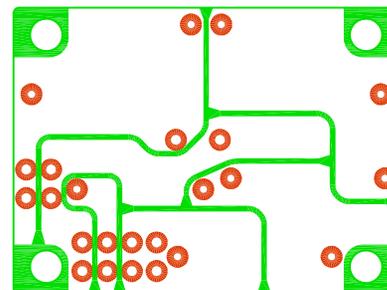
0mm~4.99mm	±0.2
5mm~9.99mm	±0.3
10mm~14.99mm	±0.4
15mm~20mm	±0.5
20.01mm~	±0.6

記號	變更日期	變更內容
△		
△		
△		

材質 MATERIAL	XXXXXXX			機種名稱 MODEL	Pasión 8
重量 WEIGHT	--g			物料名稱 PART NAME	Crossover
比例 SCALE	1:1	核準 APPROVED	審查 CHECKED	制圖 DRAWING	
版次 SHEET	V1	吳俊陞		周雪蓮	物料編號 PART NO.
單位 UNIT	mm	2019.08.22		2019.08.22	組裝圖



PCB-零件面 /components side

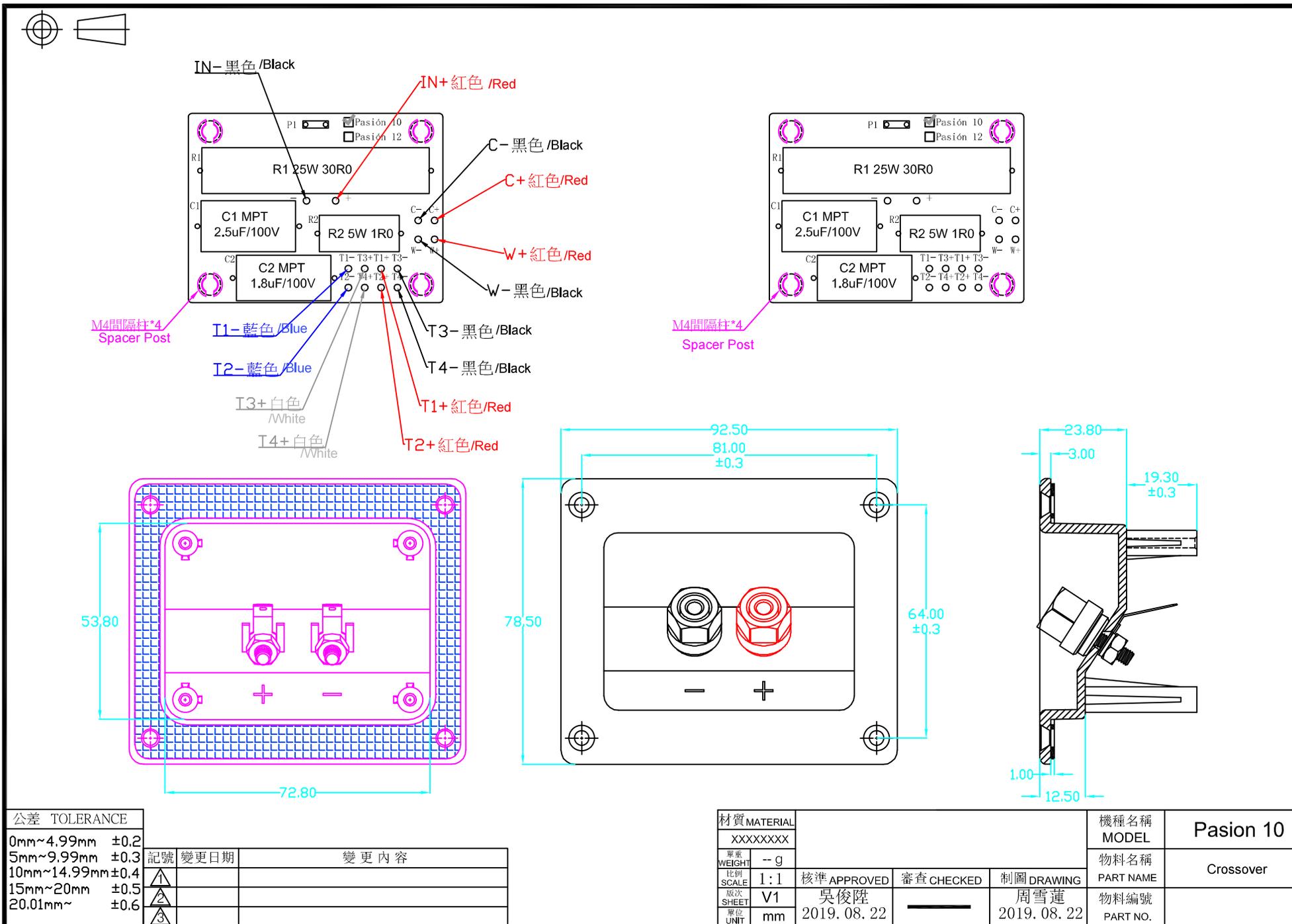


PCB-銅箔面 /copper side

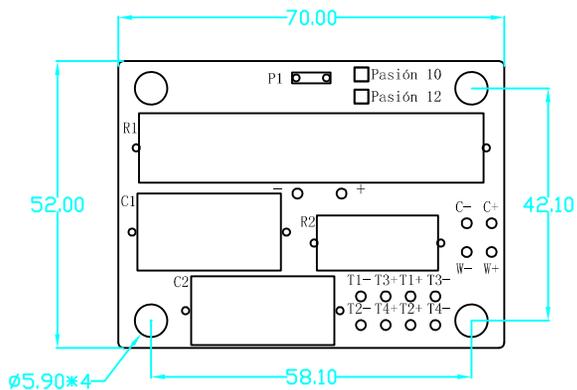
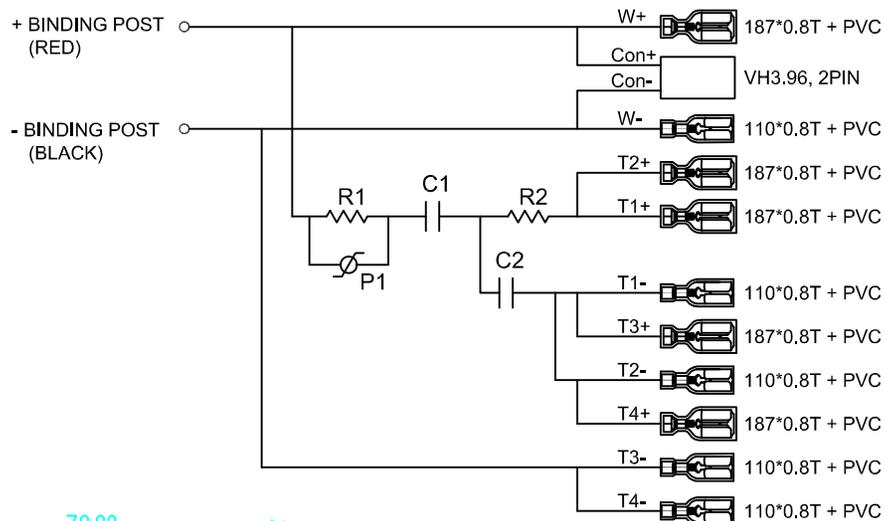
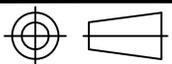
公差 TOLERANCE	
0mm~4.99mm	±0.2
5mm~9.99mm	±0.3
10mm~14.99mm	±0.4
15mm~20mm	±0.5
20.01mm~	±0.6

記號	變更日期	變更內容
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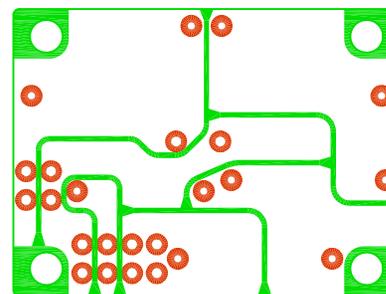
材質 MATERIAL					機種名稱 MODEL	Pasion 10
重量 WEIGHT	XXXXXXX				物料名稱 PART NAME	Crossover
比例 SCALE	1:1	核準 APPROVED	審查 CHECKED	制圖 DRAWING	物料編號 PART NO.	PCB
版次 SHEET	V1	吳俊陞	—	周雪蓮		
單位 UNIT	mm	2019.08.22		2019.08.22		



BS2-RD-02 (附件三) A版



PCB-零件面 /components surface

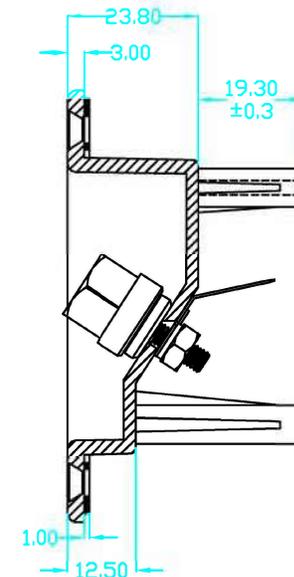
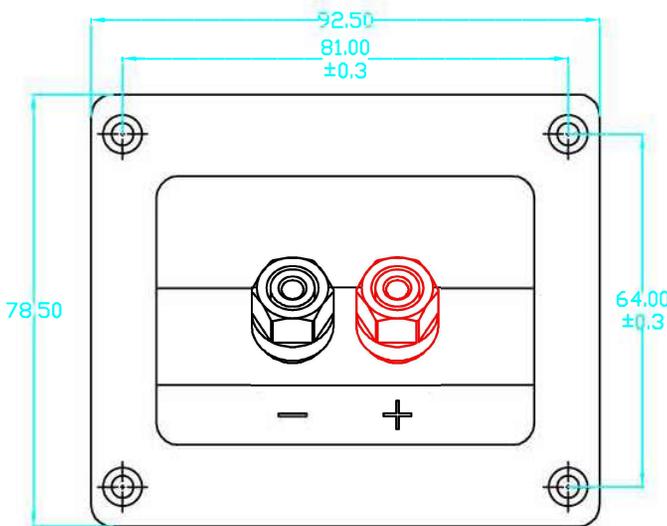
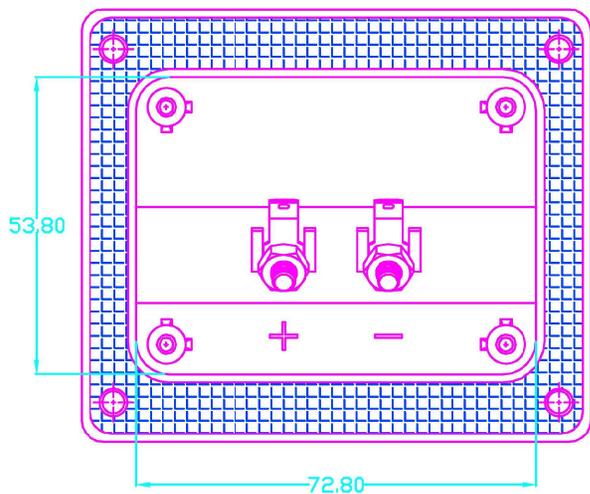
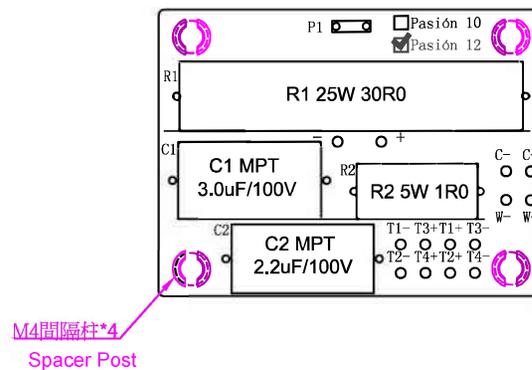
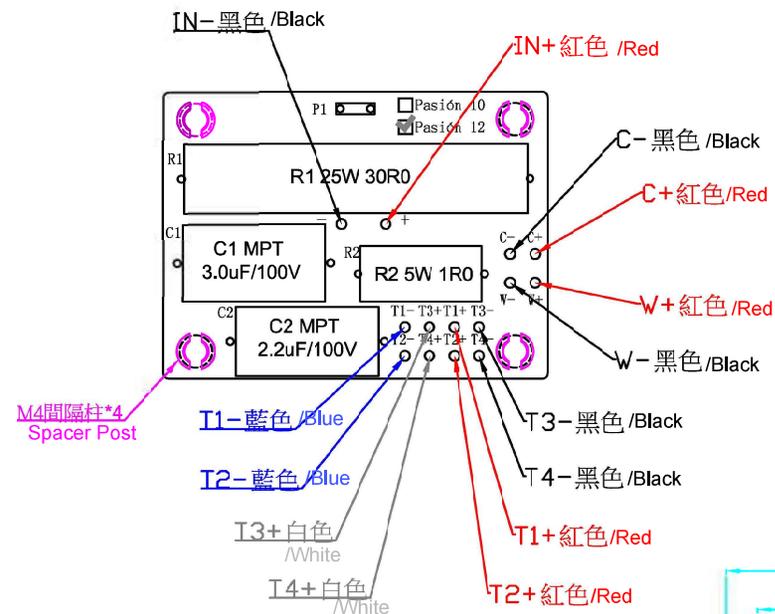
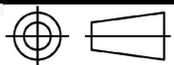


PCB-銅箔面 /copper clad surface

公差 TOLERANCE	
0mm~4.99mm	±0.2
5mm~9.99mm	±0.3
10mm~14.99mm	±0.4
15mm~20mm	±0.5
20.01mm~	±0.6

記號	變更日期	變更內容
▲		
▲		
▲		

材質 MATERIAL					機種名稱 MODEL	Pasi3n 12
XXXXXXX					物料名稱 PART NAME	Crossover
單位 WEIGHT	-- g	核準 APPROVED	審查 CHECKED	制圖 DRAWING	物料編號 PART NO.	PCB
比例 SCALE	1:1	吳俊陞	—	周雪蓮		
版次 SHEET	V1	2019.08.22		2019.08.22		
單位 UNIT	mm					

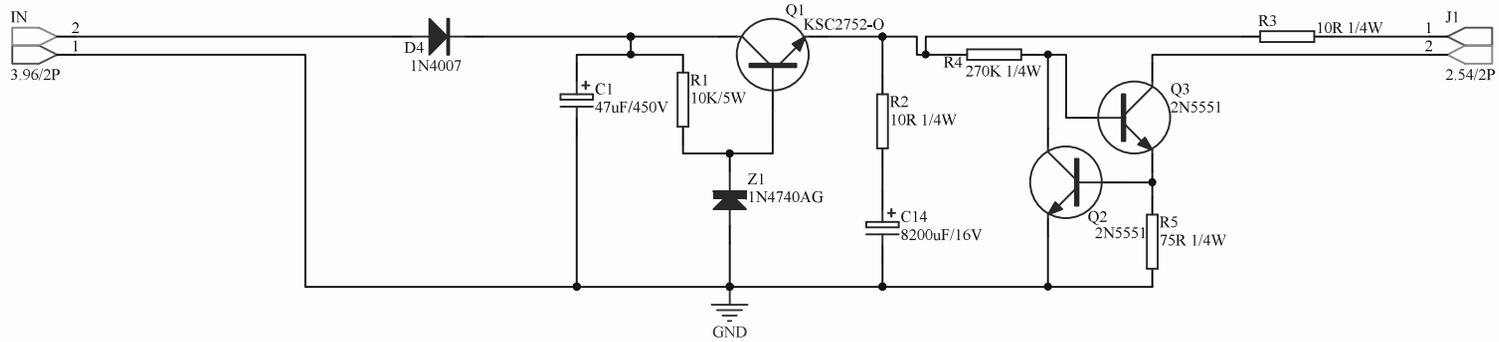


公差 TOLERANCE	
0mm~4.99mm	±0.2
5mm~9.99mm	±0.3
10mm~14.99mm	±0.4
15mm~20mm	±0.5
20.01mm~	±0.6

記號	變更日期	變更內容
△		
△		
△		

材質 MATERIAL	XXXXXXX			機種名稱 MODEL	Pasión 12
重量 WEIGHT	-- g			物料名稱	Crossover
比例 SCALE	1:1	核準 APPROVED	審查 CHECKED	制圖 DRAWING	PART NAME
版次 SHEET	V1	吳俊陞		周雪蓮	物料編號
單位 UNIT	mm	2019.08.22		2019.08.22	PART NO.

BS2-RD-02 (附件三) A版



LED light board circuit

shared by Pasión 6/6F/8/10/12 PAK

Title			JBL_MK系列LED灯板电原理图		
Size	Number	Revision			
A4		REV:A1			
Date:	2017-11-13	Sheet of		1/1	
File:	E:\东原设计文件\JBL MK系列LED灯板原理图.SchDoc				

Refer to the corresponding Service Bill of Materials (SBOM) to order parts stocked by Harman.