

Audio and video Accessories

Mini Din Connectors* Din Connectors Series

KLS1-157 (Din Jack)

MATERIAL

Insulator: PBT UL 94V-0

Shell: Brass, Nickel / Tin Plated or Tin Plated

Contact: Phosphor Bronze, Gold / Tin plated

ENVIRONMENTAL

Operating Temperature: -55 C ~ + 105 C

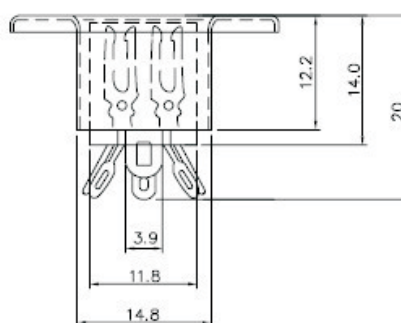
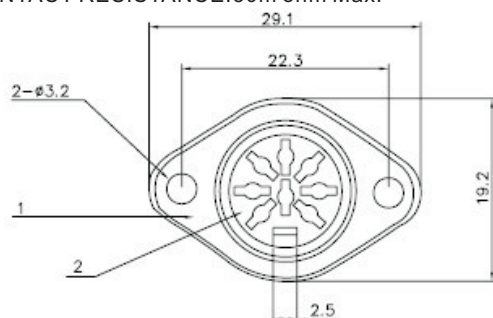
ELECTRICAL

Contact current Rating: 1 A 100V AC

Dielectric Withstanding: 250V AC 1 min.

Insulation Resistance: 5000M OHM min AT 500V DC

CONTACT RESISTANCE: 30m ohm Max.



MATERIALS

1. SHELL: STEEL, NICKEL PLATED

2. HOUSING: PBT

3. PIN: BRASS, NICKEL PLATED

DJ-P-03	DJ-P-04	DJ-P-05	DJ-P-05B	DJ-P-05C	DJ-P-06	DJ-P-07	DJ-P-08	DJ-P-08B

KLS1-157B :



ORDER INFORMATION

Product No. : KLS1-157A-04-B

Pos. NO.

Type: 157A or 157B

04=4 PIN Or-3 Pin, 5 Pin, 6 Pin, 7 Pin, 8 Pin

B=Black

Mini Din Connectors* Din Connectors Series
KLS1-158 (Din Jack)
MATERIAL

Insulator: PBT UL 94V-0

Shell: Brass, Nickel / Tin Plated or Tin Plated

Contact: Phosphor Bronze, Gold / Tin plated

ENVIRONMENTAL

Operating Temperature: -55 C ~ + 105 C

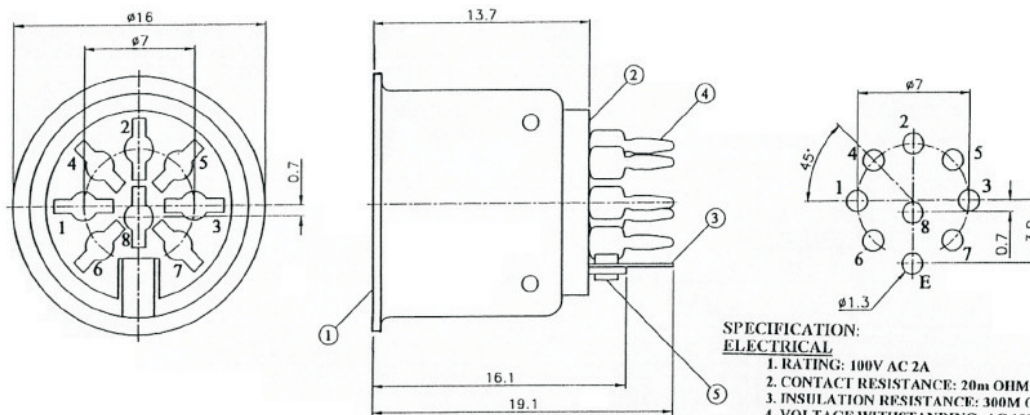
ELECTRICAL

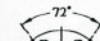
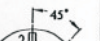
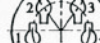
Contact current Rating: 1 A 100V AC

Dielectric Withstanding: 250V AC 1 min.

Insulation Resistance: 5000M OHM min AT 500V DC

CONTACT RESISTANCE: 30m ohm Max.



ARRANGEMENT OF CONTACTS							
	MODEL NO.	DJ-D-04	DJ-D-06	DJ-D-07	DJ-D-08		
	HOLE LAYOUT						
		P/N	PART NAME	Q'TY	MATERIAL	PLATING	REMARKS
		5.	RIVET	1	AL	NICKEL PLATED	
4.	CONTACT TERMINAL	8	BRASS 0.7t	Pb10%, Sn90%			
3.	EARTH TERMINAL	1	PBSR-H 0.25t	Pb10%, Sn90%			
2.	INSULATOR	1	P.B.T.	VALOX 420-SEO	UL94V-0		
1.	SOCKET CASE	1	SPCC-SD 0.4t	NICKEL PLATED			

 DJ-D-xx-LF
 LEADFREE
 RoHS Compliant

ORDER INFORMATION
Product No. : KLS1-158A-04-B

Pos. NO. _____

Type: 158A _____

04=4 PIN Or-6 Pin, 7 Pin, 8 Pin _____

B=Black _____

Mini Din Connectors* Din Connectors Series

KLS1-159 (Din Jack)

MATERIAL

Insulator: PBT UL 94V-0

Shell: Brass, Nickel / Tin Plated or Tin Plated

Contact: Phosphor Bronze, Gold / Tin plated

ENVIRONMENTAL

Operating Temperature: -55 C ~ + 105 C

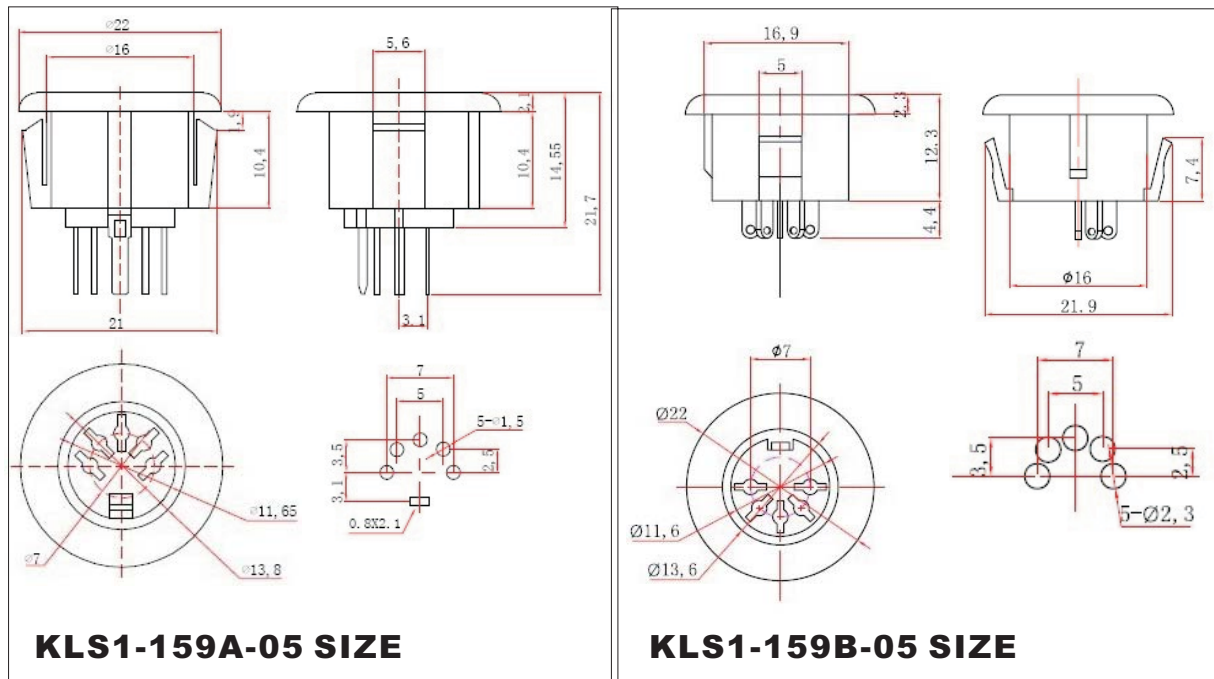
ELECTRICAL

Contact current Rating: 1 A 100V AC

Dielectric Withstanding: 250V AC 1 min.

Insulation Resistance: 5000M OHM min AT 500V DC

CONTACT RESISTANCE: 30m ohm Max.



ORDER INFORMATION

Product No. : KLS1-159A-05-B

Pos. NO. _____
Type: 159A or 159B _____
05=5 Pin _____
B=Black _____

Connector

DIN JACK Series

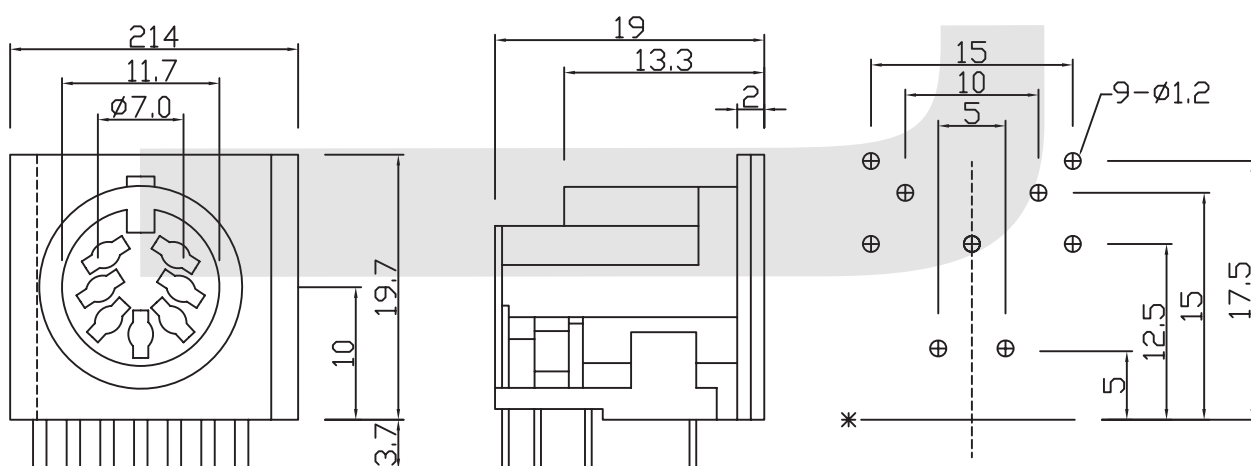
KLS1-291A DIN jack Without Shell Series

MATERIAL

Insulator: PBT UL 94V-0 or PPS
Shell: Brass, Nickel / Tin Plated or Tin Plated
Contact: Phosphor Bronze, Gold / Tin plated
ENVIRONMENTAL
Operating Temperature: -25°C ~ + 70°C

ELECTRICAL

Contact current Rating: 1 Amp/100VAC
2Amp/12VDC
Dielectric Withstanding: AC 1000V / min.
Insulation Resistance: 5000M OHM min AT 500V DC
Contact Resistance: 30m ohm Max.
Insertion force: 4.5Kgf Max
Withdrawal Force: 0.8Kgf Min
Life: 5000 cycles



ORDER INFORMATION

Product NO.: KLS1 - 291A - 4 B

Pos. NO. _____
DIN JACK Without ShellSeries _____
Pin Number: _____
3=3P 4=4P 5=5P 6=6P 7=7P 8=8P 13=13P
Color: B=Black _____

MINI DIN JACK Series

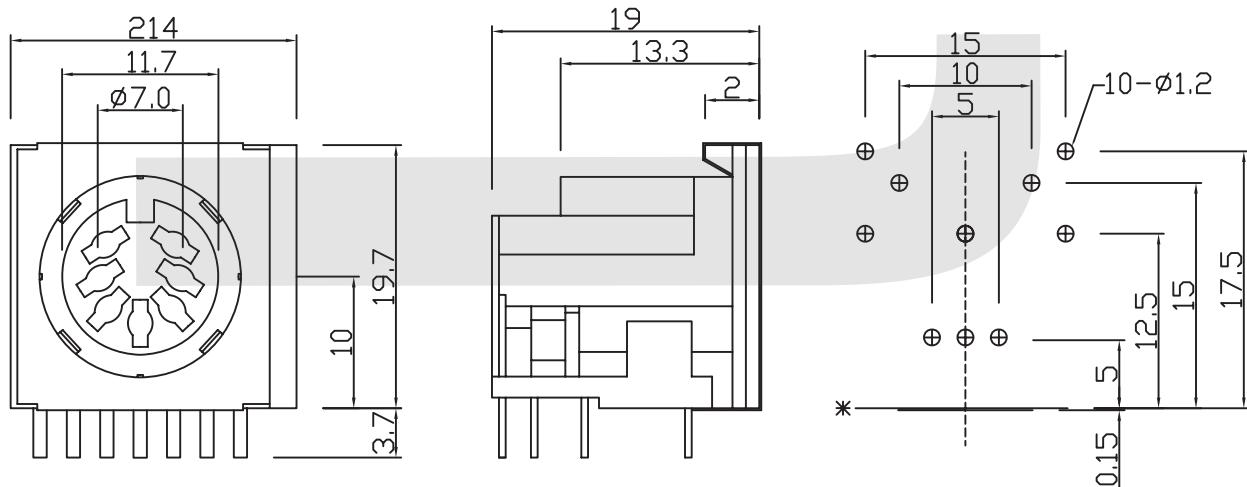
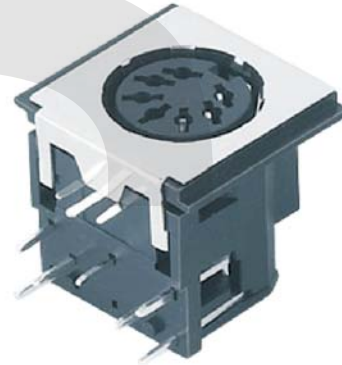
KLS1-288L Mini din jack With Shell Series

MATERIAL

Insulator: PBT UL 94V-0 or PPS
Shell: Brass, Nickel / Tin Plated or Tin Plated
Contact: Phosphor Bronze, Gold / Tin plated
ENVIRONMENTAL
Operating Temperature: -25°C ~ + 70°C

ELECTRICAL

Contact current Rating: 1 Amp/100VAC
2Amp/12VDC
Dielectric Withstanding: AC 1000V / min.
Insulation Resistance: 5000M OHM min AT 500V DC
Contact Resistance: 30m ohm Max.
Insertion force: 4.5Kgf Max
Withdrawal Force: 0.8Kgf Min
Life: 5000 cycles



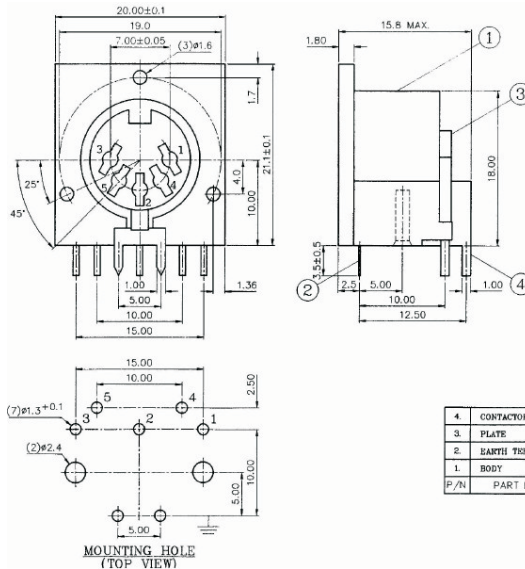
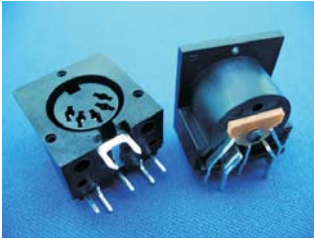
ORDER INFORMATION

Product NO.: KLS1 - 291L - 4 B

Pos. NO. _____
DIN JACK With ShellSeries _____
Pin Number: _____
3=3P 4=4P 5=5P 6=6P 7=7P 8=8P 13=13P
Color: B=Black _____

Mini Din Connectors* Din Connectors Series

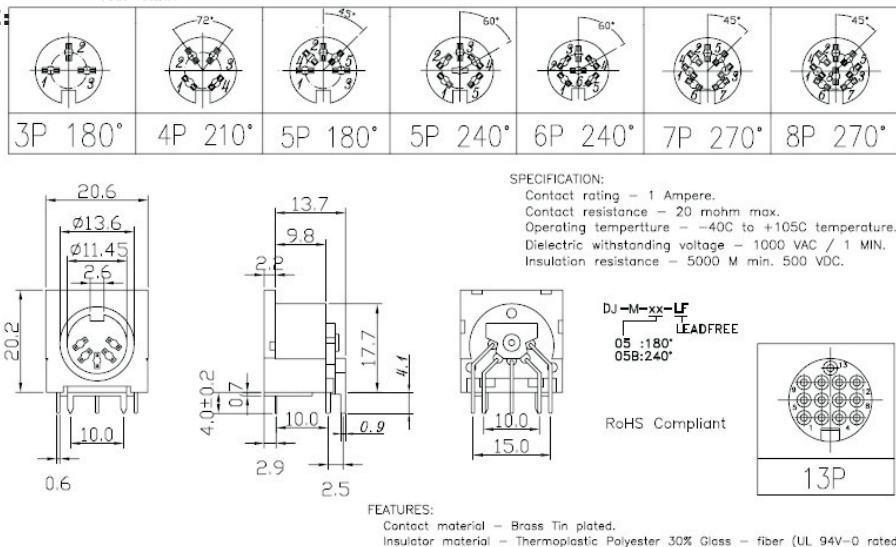
KLS1-292 (Din Jack 5.0mm 10.0mm pitch)



- SPECIFICATIONS:**
1. CONTACT RESISTANCE : 20m OHM MAX
 2. INSULATION RESISTANCE : 100M OHM AT 500V D.C.
 3. VOLTAGE WITHSTANDING : AC 500V 1 MINUTE .
 4. INSERTION FORCE : 5.0KG MAX
 5. WITHDRAWAL FORCE : 1-3.5 KG
 6. LIFE TEST : 5,000 CYCLES MIN. AFTER TESTING, CONTACT RESISTANCE SHALL NOT EXCEED 100m OHM .
 7. CURRENT RATING : AC 100V 2A
DC 24V 1A

DJ-S5-05-LF
LEADFREE
RoHS Compliant

KLS1-292L-05-B-10.0MM SIZE:



ORDER INFORMATION

Product No. : KLS1-292L-05-B-5.0MM

Pos. NO.

223A=Without Phosphor Bronze Cover
292L=With steel Phosphor Bronze Cover
05=5PIN Or-3 Pin,4 Pin,6 Pin,7 Pin,8 Pin

B=Black

Pitch:10.0mm Or 5.0mm

Mini Din Connectors* Din Connectors Series

KLS1-293 (Din Jack 5.0mm pitch)

MATERIAL

Insulator: PBT UL 94V-0

Shell: Brass, Nickel / Tin Plated or Tin Plated

Contact: Phosphor Bronze, Gold / Tin plated

ENVIRONMENTAL

Operating Temperature: -55 C ~ + 105 C

ELECTRICAL

Contact current Rating: 1 A 100V AC

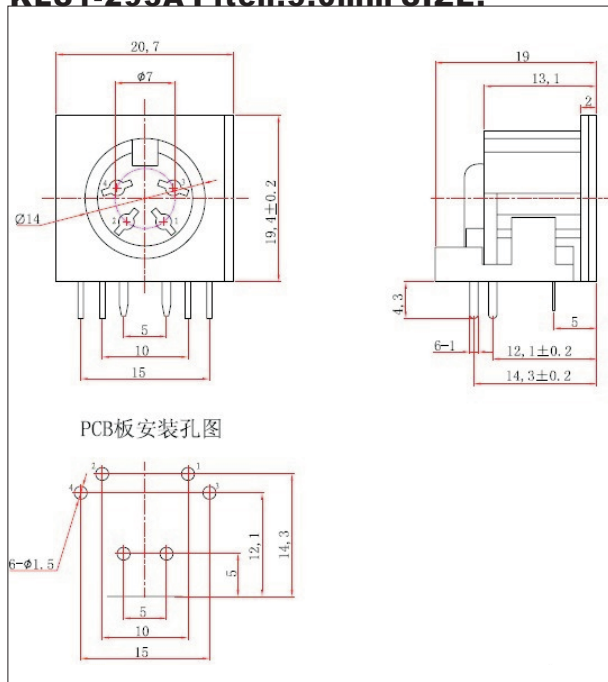
Dielectric Withstanding: 250V AC 1 min.

Insulation Resistance: 5000M OHM min AT 500V DC

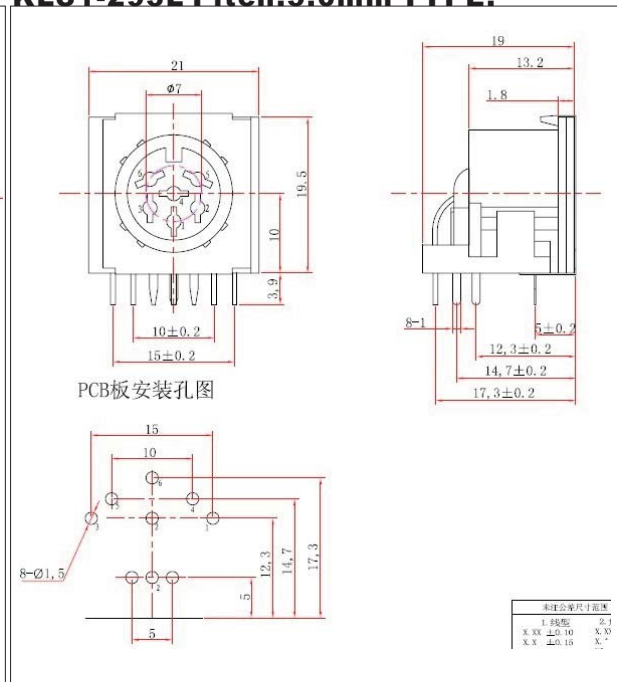
CONTACT RESISTANCE: 30m ohm Max.



KLS1-293A Pitch: 5.0mm SIZE:



KLS1-293L Pitch: 5.0mm TYPE:



ORDER INFORMATION

Product No. : KLS1-293L-05-B-5.0MM

Pos. NO.

293A=Without Phosphor Bronze Cover

293L=With steel Phosphor Bronze Cover

05=5PIN Or-3 Pin, 4 Pin, 6 Pin, 7 Pin, 8 Pin

B=Black

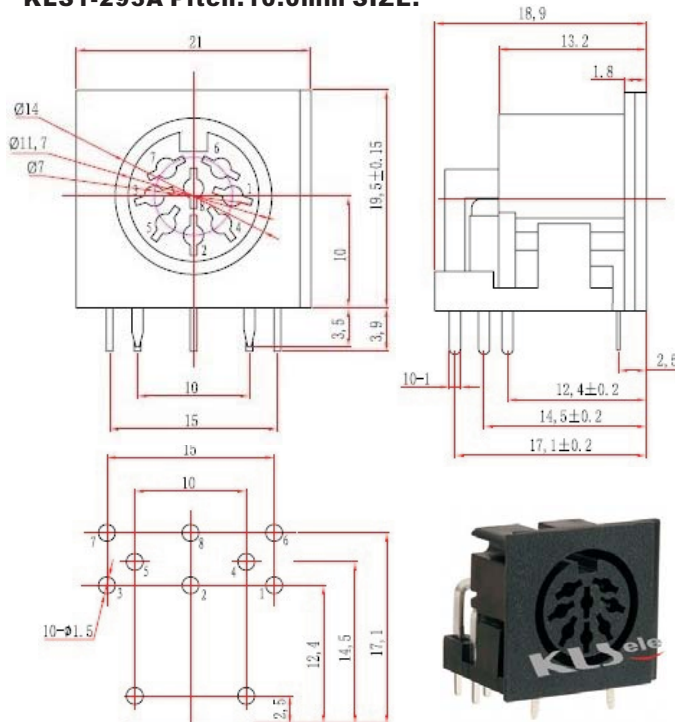
Pitch: 5.0mm

Mini Din Connectors* Din Connectors Series

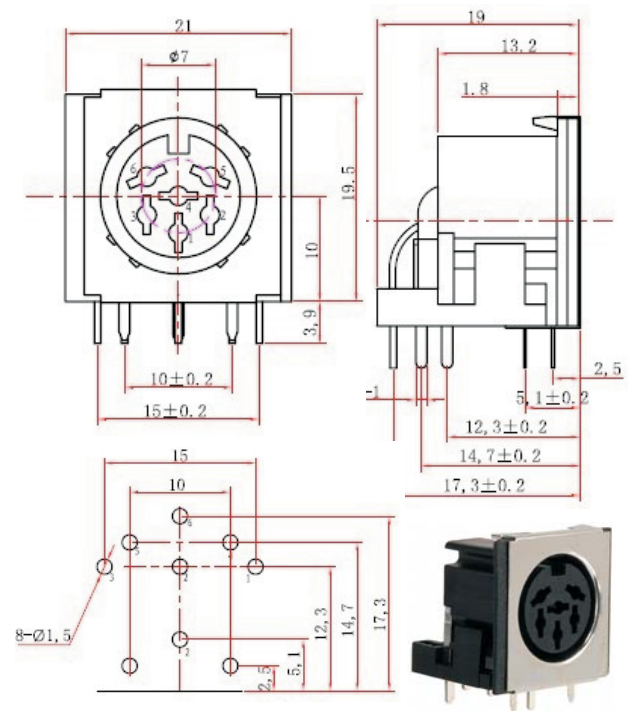
KLS1-293 (Din Jack 10.0mm pitch)



KLS1-293A Pitch:10.0mm SIZE:



KLS1-293L Pitch:10.0mm TYPE:



ORDER INFORMATION

Product No. : KLS1-293L-05-B-10.0MM

Pos. NO.

293A=Without Phosphor Bronze Cover

293L=With steel Phosphor Bronze Cover

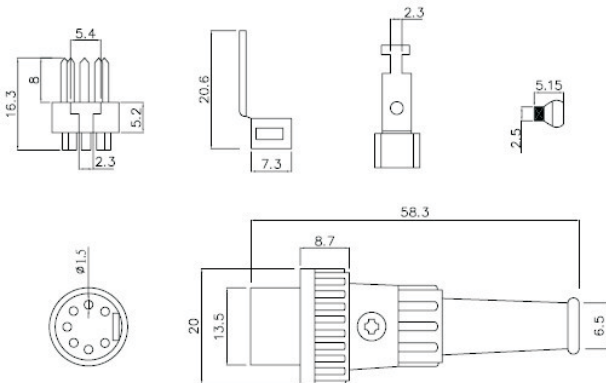
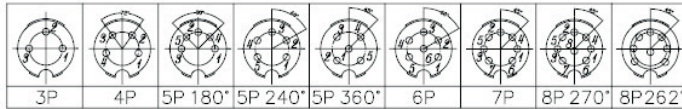
05=5PIN Or-3 Pin,4 Pin,6 Pin,7 Pin,8 Pin

B=Black

Pitch:10.0mm

Mini Din Connectors* Din Connectors Series

KLS1-296 (Din Plug and socket)



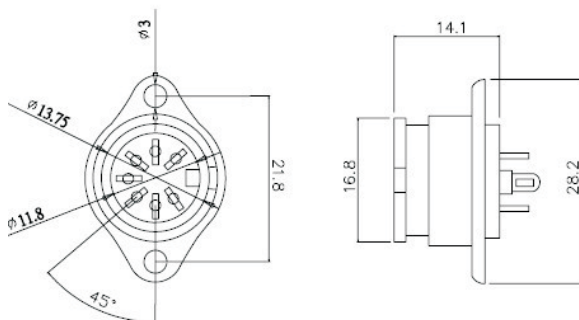
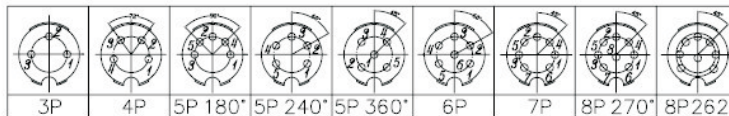
MATERIAL:
1.PIN:BRONZE SILVER PLATED
2.HOUSING: ABS
3.TERMINAL:STEEL NICKEL PLATED
4.SHELL BODY:ZINC NICKEL
5.BOOT:PVC

DASM-PA-xx-LF
LEADFREE

05:5P 180°
05B:5P 240°
05C:5P 360°
08:8P 270°
08B:8P 262°
RoHS Compliant



KLS1-296-S-SIZE:



MATERIAL
SHELL: ZINC NICKEL PLATED
PIN: BRONZE, SILVER PLATED
HOUSING: BAKELITE.
GROUND PIN: BRONZE NICKEL PLATED.

SPECIFICATION
Rating:100V AC 1A max.
Contact Resistance:
Pins 30m OHM max.
Shell 50m OHM max.
Insulation Resistance
100M OHM at 500V DC min.
Voltage Withstand:
250V AC for 1 minute

DASM-JS-xx-LF
LEADFREE

05: 5P 180°
05B: 5P 240°
05C: 5P 360°
08: 8P 270°
08B: 8P 262°

ORDER INFORMATION

Product No. : KLS1-296-P-07

Pos. NO. _____
Series NO. _____
P-Plug S-Socket _____
07=7 PIN Or 3PIN 4PIN 5PIN 6PIN 8PIN _____

MINI DIN JACK Series

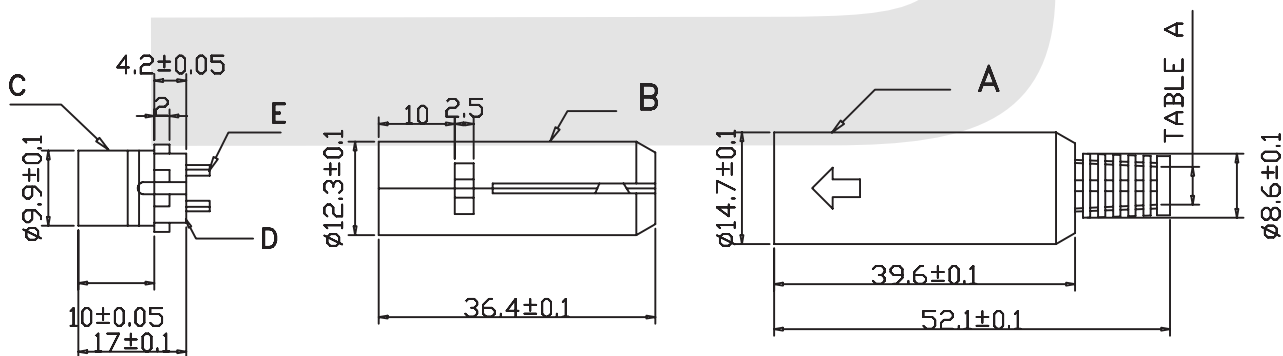
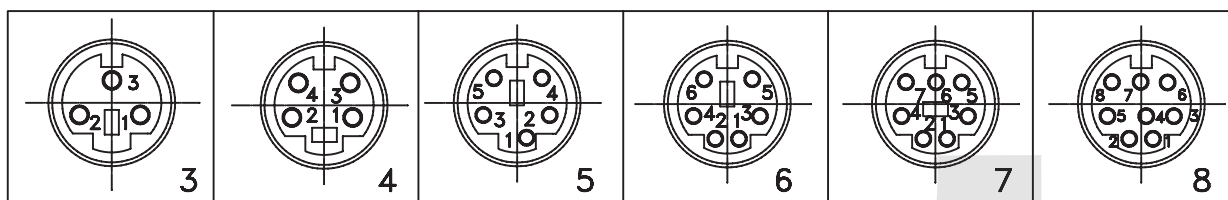
KLS1-294F MINI DIN Jack Solder assy with Cover Series

MATERIAL

- A. BOOT : PVC
- B. MIDDLE HOOD : ABS
- C. METAL PART : COPPER , NICKEL PLATED
- D. INSULATOR : PC
- E. PIN CONTACT : COPPER , SILVER

SPECIFICATIONS

1. RATION: 100V AC 1A MAX or 12V DC 2A MAX.
2. INSULATION RESISTANCE: 50M OHM MIN at 250V DC.
3. DIELECTRIC STRENGTH: 250 VAC / 1 MINUTE.
4. CONTACT RESISTANCE: 30M OHM MAX.
5. INSERTION FORCE: 4.5KG MAX.
6. WITHDRAWAL FORCE: 09.KG ~ 3KG.



7.0#	BACK SHELL
6.0#	BACK SHELL
5.0#	BACK SHELL (STANDARD)
COVER DIM.	

TABLE A

ORDER INFORMATION

Product NO.: KLS1 - 294 - F 4 - B

Pos. NO.

MINI DIN Jack Solder assy with
Cover Series

Color : B=Black G=Green P=Purple

Pin Number:
3=3P 4=4P 5=5P 6=6P 7=7P 8=8P
M=Male F=Female

MINI DIN JACK Series

KLS1-294M MINI DIN Jack Solder assy with Cover Series

MATERIAL

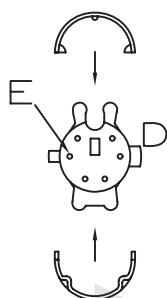
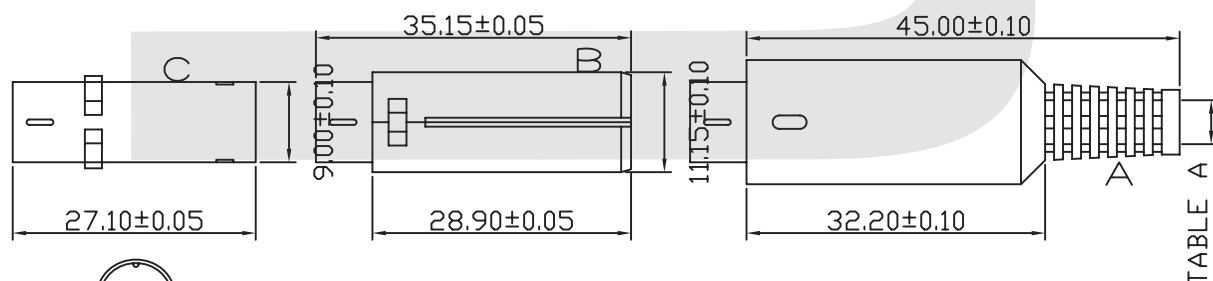
- A. BOOT: PVC
- B. SHELL : ABS
- C. METAL SHIELD : BRASS NICKEL PLATED
- D. HOUSING : NYLON66+ GLASS Fiber
- E. CONTACT : BRASS SILVER PLATED

Specification

1. RATION: 100V AC 1A MAX or 12V DC 2A MAX.
2. INSULATION RESISTANCE: 50M OHM MIN at 250V DC.
3. DIELECTRIC STRENGTH: 250 VAC / 1 MINUTE.
4. CONTACT RESISTANCE: 30M OHM MAX.
5. INSERTION FORCE: 4.5KG MAX.
6. WITHDRAWAL FORCE: 09.KG ~ 3KG.



3	4	5	6	7	8



	7.00 BACK SHELL
	6.00 BACK SHELL
	5.00 BACK SHELL (STANDARD)
	COVER DIM.

TABLE A

ORDER INFORMATION

Product NO.: KLS1 - 294 - M 4 - B

Pos. NO.

MINI DIN Jack Solder assy with
Cover Series

Color: B=Black G=Green P=Purple

Pin Number:
3=3P 4=4P 5=5P 6=6P 7=7P 8=8P
M=Male F=Female

MINI DIN JACK Series

KLS1-155 MINI DIN Jack Right Angle Single Type

MATERIAL

Insulator: PBT+Glass Fiber, UL94v-0

Contact: Phosphor Bronze

Shell: Spcc, Tin plated

Specification

Current rating: 1 A Max.

Dielectric withstanding voltage: 750 V (AC) for 1 min.

Contact resistance: 30 mΩ Max.

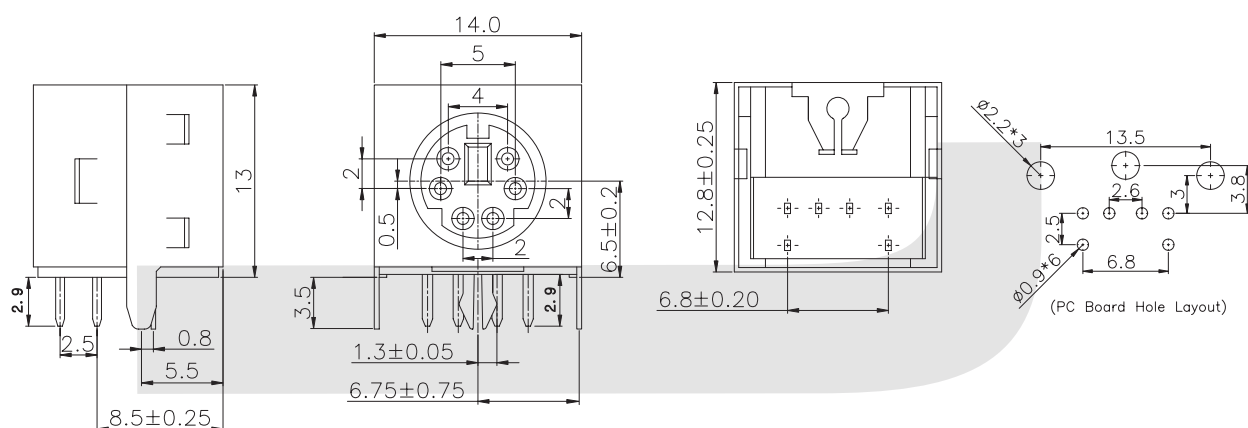
Insulation resistance: 1000 MΩ Min.

Temperature range: -25°C ~ +70°C

Finishes

contacts: Gold flashed 1u", 3u", 5u", 10u", 15u", 30u".

Shell: Nickel, tin or gold plated



Without shrapnel

3 PIN	4 PIN	5 PIN	6 PIN	7 PIN	8 PIN

ORDER INFORMATION

Product NO.: KLS1 - 155 - 4 G - 0

Pos. NO. _____

MINI DIN Jack Right Angle Single Type

Pin Number: _____

3=3P 4=4P 5=5P 6=6P 7=7P 8=8P

Color: B=Black G=Green P=Purple

Shrapnel

0: Without shrapnel

1: With shrapnel

MINI DIN JACK Series

KLS1-155 MINI DIN Jack Right Angle Single Type

MATERIAL

Insulator: PBT+Glass Fiber, UL94v-0

Contact: Phosphor Bronze

Shell: Spcc, Tin plated

Specification

Current rating: 1 A Max.

Dielectric withstanding voltage: 750 V (AC) for 1 min.

Contact resistance: 30 mΩ Max.

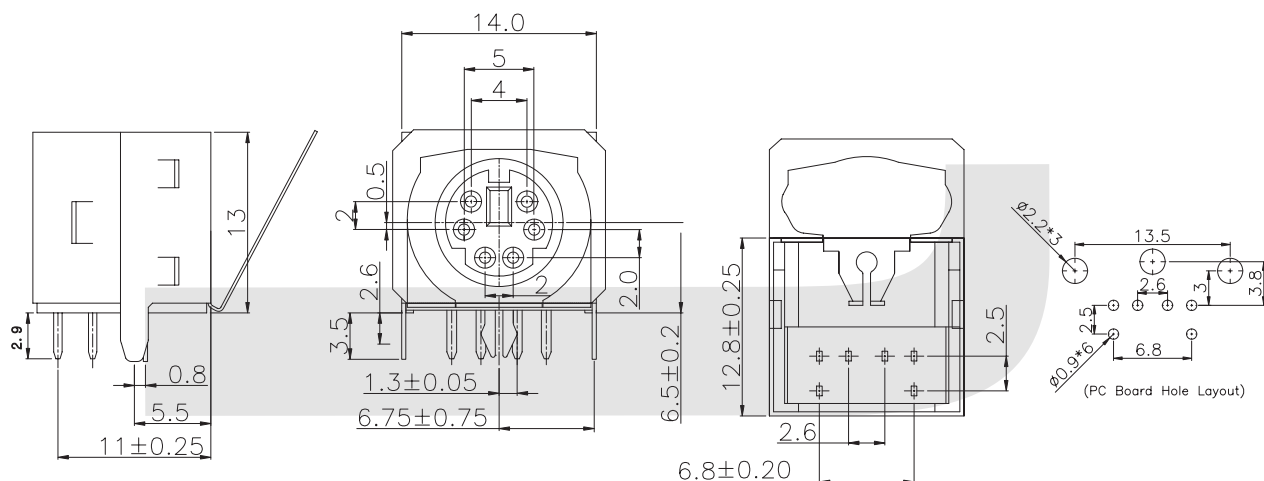
Insulation resistance: 1000 MΩ Min.

Temperature range: -25°C ~ +70°C

Finishes

contacts: Gold flashed 1u", 3u", 5u", 10u", 15u", 30u".

Shell: Nickel, tin or gold plated



With shrapnel

3 PIN	4 PIN	5 PIN	6 PIN	7 PIN	8 PIN

ORDER INFORMATION

Product NO.: KLS1 - 155 - 4 G - 0

Pos. NO.

MINI DIN Jack Right Angle Single Type

Pin Number:

3=3P 4=4P 5=5P 6=6P 7=7P 8=8P

Color: B=Black G=Green P=Purple

Shrapnel

0: Without shrapnel

1: With shrapnel

Connector

MINI DIN JACK Series

KLS1-155A MINI DIN Jack Right Angle Double Type

MATERIAL

Insulator: PBT+Glass Fiber, UL94v-0

Contact: Phosphor Bronze

Shell: Spcc, Tin plated

Specification

Current rating: 1 A Max.

Dielectric withstanding voltage: 750 V (AC) for 1 min.

Contact resistance: 30 mΩ Max.

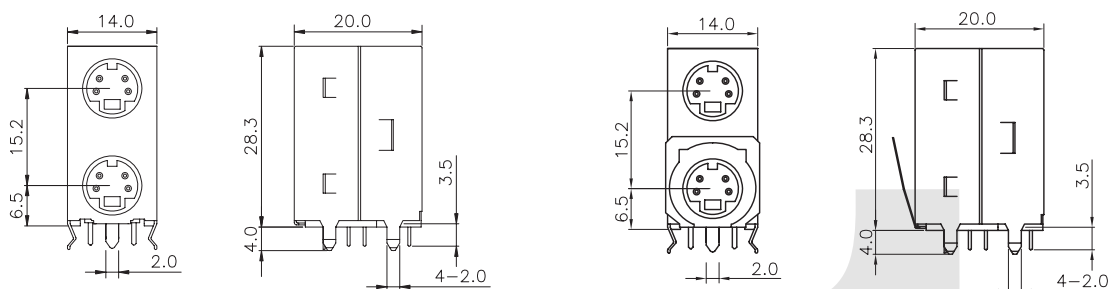
Insulation resistance: 1000 MΩ Min.

Temperature range: -40°C ~ + 105°C

Finishes

contacts: Gold flashed 1u", 3u", 5u", 10u", 15u", 30u".

Shell: Nickel, tin or gold plated



Without shrapnel

With shrapnel

ARRANGEMENT OF CONTACT			
POS. NO.	4PIN/4PIN	6PIN/6PIN	8PIN/8PIN
P.C.B. LAYOUT (BOTTOM VIEW)			

ORDER INFORMATION

Product NO.: KLS1 - 155A - 44 G/P - 0

Pos. NO.

MINI DIN Jack Right Angle Double Type

Pin Number: 44=4/4P 64=6/4P 84=8/4P

46=4/6P 66=6/6P 86=8/6P

48=4/8P 68=6/8P 88=8/8P

Color : G/P=Green+Purple

G/B=Green+Black

B/B=Black+Black

Shrapnel

0: Without shrapnel

1: With shrapnel

MINI DIN JACK Series

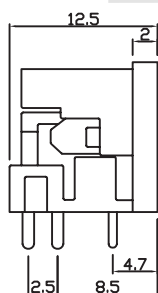
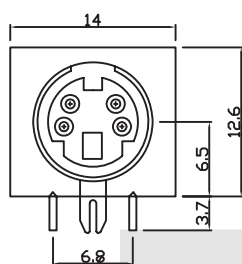
KLS1-285A Mini din jack Without Shell Series

MATERIAL

Insulator: PBT UL94V-0 or PPS
Shell: Brass, Nickel / Tin Plated or Tin Plated
Contact: Phosphor Bronze, Gold / Tin plated
ENVIRONMENTAL
Operating Temperature: -25°C ~ + 70°C

ELECTRICAL

Contact current Rating: 1 Amp/100VAC
2Amp/12VDC
Dielectric Withstanding: AC 1000V / min.
Insulation Resistance: 5000M OHM min AT 500V DC
Contact Resistance: 30m ohm Max.
Insertion force: 4.5Kgf Max
Withdrawal Force: 0.8Kgf Min
Life: 5000 cycles



ARRANGEMENT OF CONTACTS			
NO. OF CONTACTS	3	4	5
PCB LAYOUT			
ARRANGEMENT OF CONTACTS			
NO. OF CONTACTS	6	7	8
PCB LAYOUT			

ORDER INFORMATION

Product NO.: KLS1 - 285A - 4 B

Pos. NO. _____
Mini DIN JACK Without Shell Series _____
Pin Number: _____
3=3P 4=4P 5=5P 6=6P 7=7P 8=8P
Color: B=Black G=Green _____

Connector

MINI DIN JACK Series

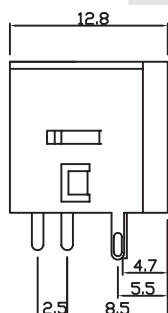
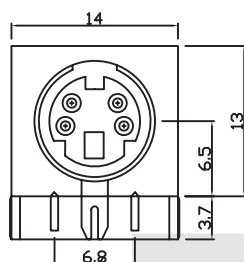
KLS1-285L Mini din jack With Shell Series

MATERIAL

Insulator: PBT UL 94V-0 or PPS
Shell: Brass, Nickel / Tin Plated or Tin Plated
Contact: Phosphor Bronze, Gold / Tin plated
ENVIRONMENTAL
Operating Temperature: -25°C ~ + 70°C

ELECTRICAL

Contact current Rating: 1 Amp/100VAC
2Amp/12VDC
Dielectric Withstanding: AC 1000V / min.
Insulation Resistance: 5000M OHM min AT 500V DC
Contact Resistance: 30m ohm Max.
Insertion force: 4.5Kgf Max
Withdrawal Force: 0.8Kgf Min
Life: 5000 cycles



ARRANGEMENT OF CONTACTS			
NO. OF CONTACTS	3	4	5
PCB LAYOUT			
ARRANGEMENT OF CONTACTS			
NO. OF CONTACTS	6	7	8
PCB LAYOUT			

ORDER INFORMATION

Product NO.: KLS1 - 285L - 4 B

Pos. NO. _____
Mini DIN JACK With Shell Series _____
Pin Number: _____
3=3P 4=4P 5=5P 6=6P 7=7P 8=8P
Color: B=Black G=Green _____

