

USB /IEEE 1394 CONNECTOR

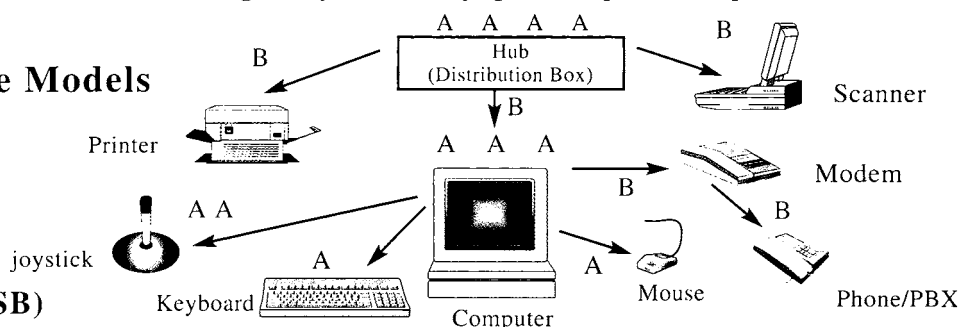
Introduction

The S. C. Universal Serial Bus (USB)& IEEE1394 connector can be used in computer and computer peripherals, such as note book monitor, scanner, printer, keyboard, modem, mouse, joystick, hub router digital cameras, HDTV, digital comcorder etc.

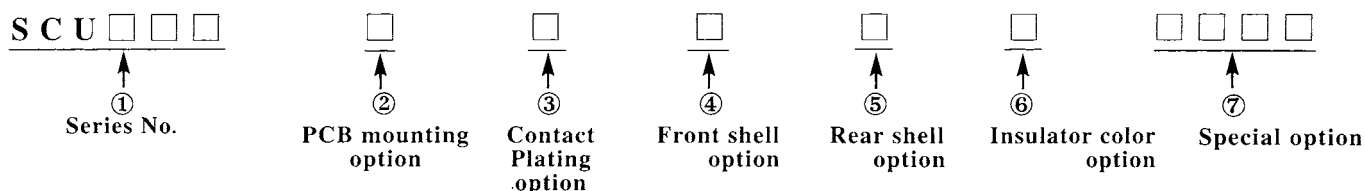
It can provide all customer's requirement with a number of models, such as P.C.Board with horizontal mount or P.C.Board with vertical mount, P.C.Board surface mount(SMT) and also available with cable assembly.

All orders can be made by part number in the catalogue, if you have any special requirement, please contact our factory for more information.

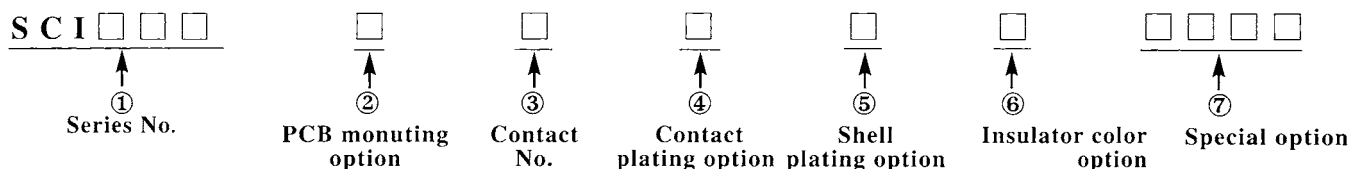
Typical Connective Models



I SCU101 ~ SCU201 (USB)



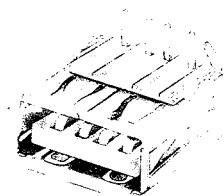
II SCI101 & SCI201 & SCI202 (IEEE1394)



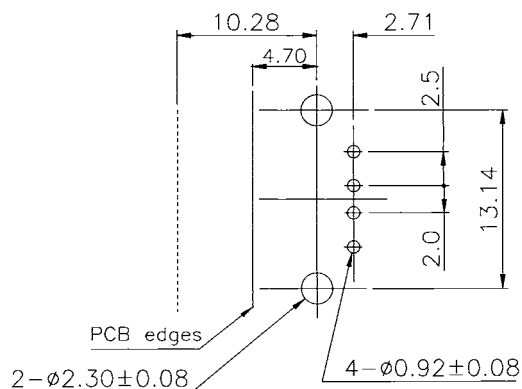
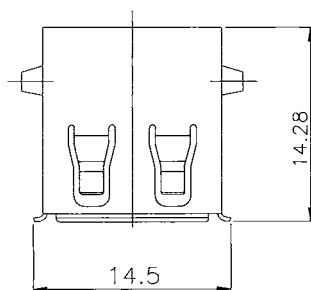
SCU 101R	SCU 101S	SCU 101M	SCU 102R****0	SCU 102R****1	SCU 201R
SCU 201S	SCU 202S	SCU 106P-R	SCU 106P-M	SCU 103P	SCU 203P
SCU 303AB	SCU 303AA	SCU 303AO	SCU 303BO	SCI 101R	SCI 201M
SCU 303AH	SCU 303BH	SCI 201S	SCI 202M	SCI 202R	SCI 104P
SCI 131R	SCI 134P	SCI 111M	SCI 113P		

USB A-TYPE SOCKET CONNECTOR

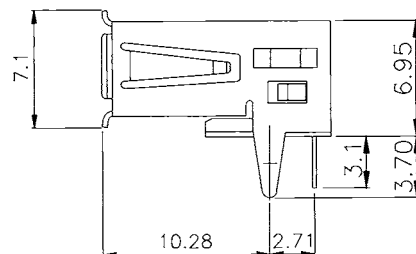
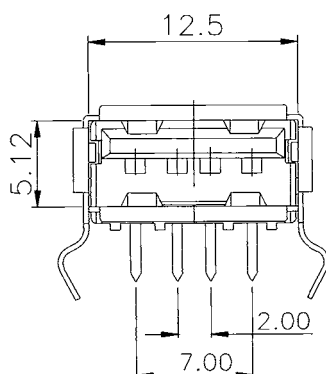
SCU101R SERIES



SCU 101R



**Pin Hole Layout
(Jack Bottom View)**



Feature

SCU101R series is USB,A type Receptacle right angle and single deck(through hole)

Construction

1. Housing : PBT & Glass fiber
2. Contact : Phosphor bronze
3. Shell : Copper alloy

Specification

1. Rating :
1A, 30VAC(rms)
2. Insulation resistance :
1000M Ω (min.)
3. Contact resistance :
30m Ω (max.)
4. Dielectric withstanding voltage :
AC 750V
5. Temperature rating :
-55 $^{\circ}$ C to + 105 $^{\circ}$ C

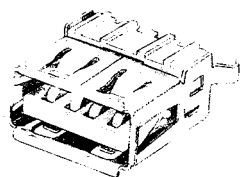
Ordering Information

SCU101 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

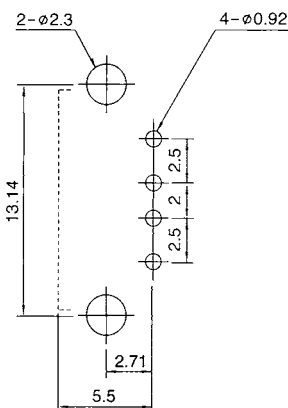
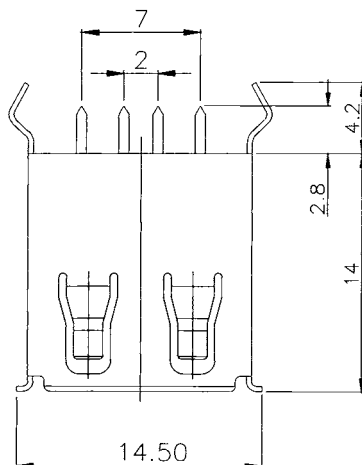
- ① : Series No.
SCU101 = USB receptacle
A type, single deck
- ② : PCB mounting option
R : Right angle, through hole type
- ③ : Contact plating option ("F" is standard)
F : Gold flash over 50 μ " (min.) Nickel
G : Gold flash over 30 μ " (min.)
J : 30 μ " Gold over 50 μ " (min.) Nickel
- ④ : Front shell option ("N" is standard)
T : Tin
N : Nickel
- ⑤ : Rear shell option ("0" only)
0 : Without rear shell
- ⑥ : Insulator color option
B : Black I : Ivory W : Frost white
- ⑦ : Special option
0000 : No special option

USB A-TYPE SOCKET CONNECTOR

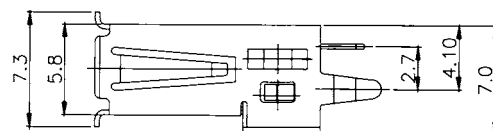
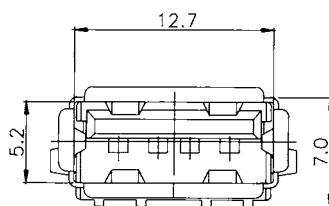
SCU101S SERIES



SCU 101S



**Pin Hole Layout
(Jack Bottom View)**



Feature

SCU101S series is USB, A type Receptacle straight and single deck(through hole)

Construction

1. Housing : PBT & Glass fiber
2. Contact : Phosphor bronze
3. Shell : Copper alloy

Specification

1. Rating :
1A, 30VAC(rms)
2. Insulation resistance :
1000M Ω (min.)
3. Contact resistance :
30m Ω (max.)
4. Dielectric withstanding voltage :
AC 750V
5. Temperature rating :
-55 $^{\circ}$ C to + 105 $^{\circ}$ C

Ordering Information

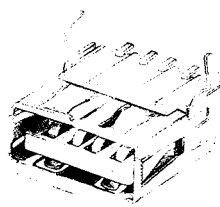
SCU101 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

① ② ③ ④ ⑤ ⑥ ⑦

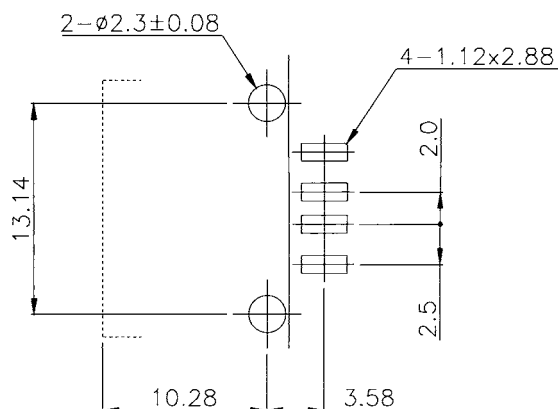
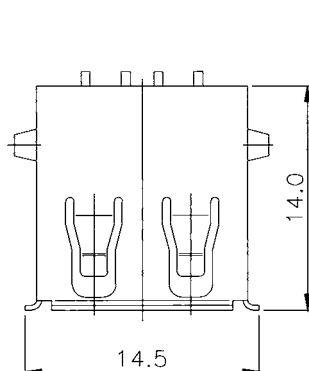
- ① : Series No.
SCU101 = USB receptacle
A type, single deck
- ② : PCB mounting option
S : PCB straight, through hole type
- ③ : Contact plating option ("F" is standard)
F : Gold flash over 50 μ " (min.) Nickel
G : Gold flash over 30 μ " (min.)
J : 30 μ " Gold flash over 50 μ " (min.) Nickel
- ④ : Front shell option ("N" is standard)
T : Tin
N : Nickel
- ⑤ : Rear shell option ("0" only)
0 : Without rear shell
- ⑥ : Insulator color option
B : Black I : Ivory W : Frost white
- ⑦ : Special option
0000 : No special option

USB A-TYPE SOCKET CONNECTOR

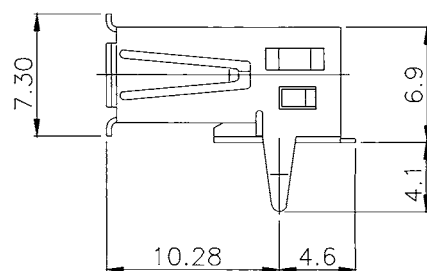
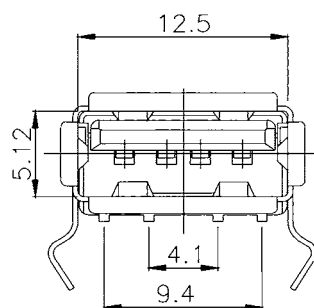
SCU101M SERIES



SCU 101M



Pin Land Layout



Feature

SCU101M series is USB, Receptacle straight and single deck(through hole)

Construction

1. Housing : PBT & Glass fiber
2. Contact : Phosphor bronze
3. Shell : Copper alloy

Specification

1. Rating :
1A, 30VAC(rms)
2. Insulation resistance :
1000M Ω (min.)
3. Contact resistance :
30m Ω (max.)
4. Dielectric withstanding voltage :
AC 750V
5. Temperature rating :
-55 $^{\circ}$ C to + 105 $^{\circ}$ C

Ordering Information

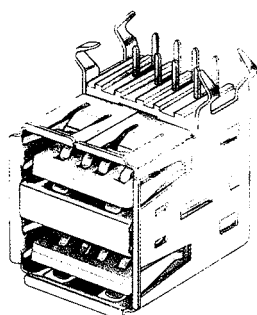
SCU101 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

① ② ③ ④ ⑤ ⑥ ⑦

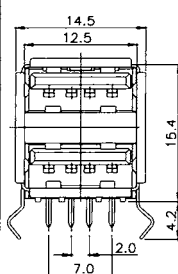
- ① : Series No.
SCU101 = USB receptacle
A type, single deck
- ② : PCB mounting option
M : SMT type
- ③ : Contact plating option ("F" is standard)
F : Gold flash over 50 μ " (min.) Nickel
G : Gold flash over 30 μ " (min.)
J : 30 μ " Gold flash over 50 μ " (min.) Nickel
- ④ : Front shell option ("N" is standard)
T : Tin
N : Nickel
- ⑤ : Rear shell option ("0" only)
0 : Without rear shell
- ⑥ : Insulator color option
B : Black I : Ivory W : Frost white
- ⑦ : Special option
0000 : No special option

USB A-TYPE SOCKET CONNECTOR

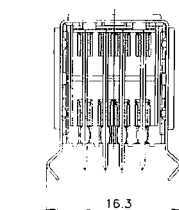
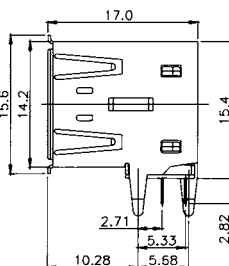
SCU102 SERIES



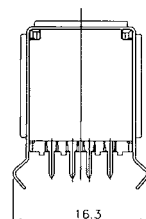
SCU 102R*0000**



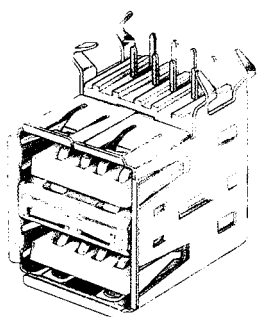
Level spring



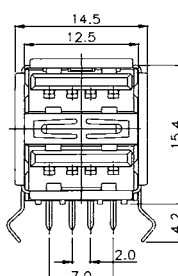
Without Rear Shell



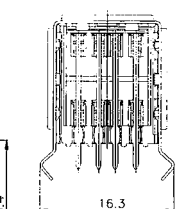
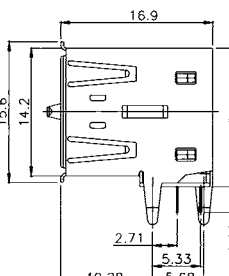
With Rear Shell



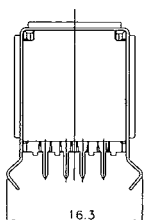
SCU 102R*1000**



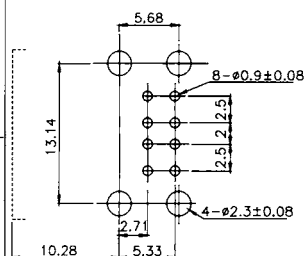
Bulge spring



Without Rear Shell



With Rear Shell



Feature

SCU102 series is USB, A-type, Receptacle right and single double decks, (through) with or without rear shell

Construction

1. Housing : PBT & Glass fiber
2. Contact : Phosphor bronze
3. Shell : Copper alloy
4. Rear shell : Steel

Specification

1. Rating :
1A, 30VAC(rms)
2. Insulation resistance :
1000M Ω (min.)
3. Contact resistance :
30m Ω (max.)
4. Dielectric withstanding voltage :
AC 750V
5. Temperature rating :
-55 $^{\circ}$ C to + 105 $^{\circ}$ C

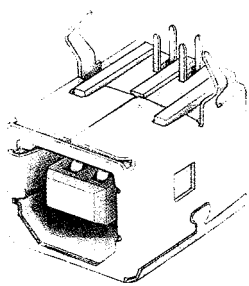
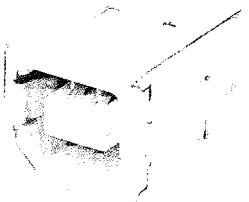
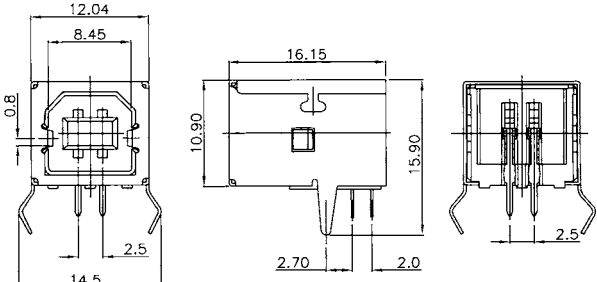
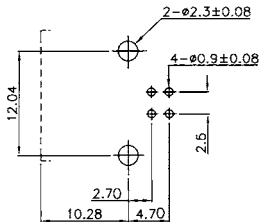
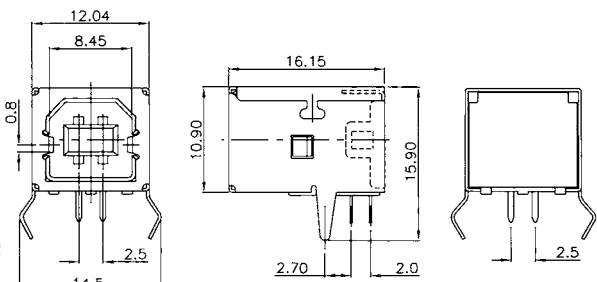
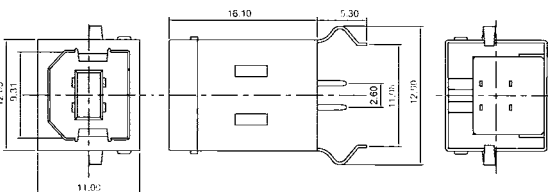
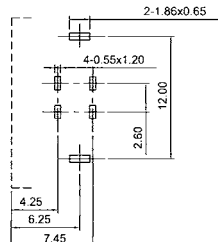
Ordering Information

SCU102 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

- ① : Series No.
SCU102 = USB receptacle
A type, double deck
- ② : PCB mounting option
R : Right angle, through hole type
- ③ : Contact plating option ("F" is standard)
F : Gold flash over 50 μ " (min.) Nickel
G : Gold flash over 30 μ " (min.)
J : 30 μ " Gold flash over 50 μ " (min.) Nickel
- ④ : Front shell option ("N" is standard)
T : Tin
N : Nickel
- ⑤ : Rear shell option
0 : Without rear shell
1 : With rear shell
- ⑥ : Insulator color option
B : Black I : Ivory W : Frost white
- ⑦ : Spring option
0 : Level spring
1 : Bulge spring
- ⑧ : Special option
000 : No special option

USB B-TYPE SOCKET CONNECTOR

SCU201R / SCU201S SERIES

	P/N	Dimension (m/m)	Pin Hole Layout (Jack Bottom View)
 SCU 201R  SCU 201S	SCU 201R	 Without Rear Shell	
		 With Rear Shell	
	SCU 201S		

Feature

SCU201R/SCU201S series is USB, B type, single deck,
(through) with or without rear shell

Construction

- Housing : PBT & Glass fiber
- Contact : Phosphor bronze
- Shell : Steel

Specification

- Rating :
1A, 30VAC(rms)
- Insulation resistance :
1000M Ω (min.)
- Contact resistance :
30m Ω (max.)
- Dielectric withstanding voltage :
AC 750V
- Temperature rating :
-55 $^{\circ}$ C to + 105 $^{\circ}$ C

Ordering Information

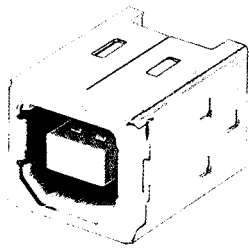
SCU201

① ② ③ ④ ⑤ ⑥ ⑦

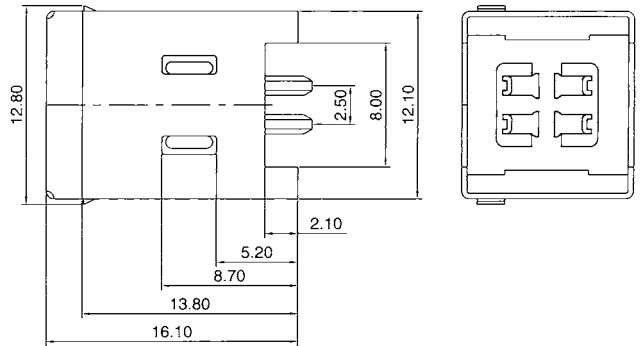
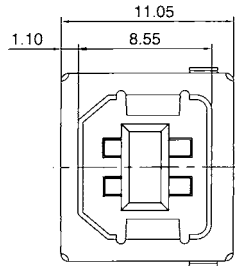
- Series No.
SCU201 = USB receptacle B type, single deck.
- PCB mounting
R: PCB Right angle, through hole type
S: PCB Straight, through hole type
- Contact plating : ("F" is standard)
F: Gold flash, over 50 μ " (min.) Nickel
G: Gold flash, over 30 μ " (min.)
J: 30 μ " Gold flash, over 50 μ " (min.) Nickel
- Shell plating option : ("N" is standard)
T: Tin
N: Nickel
- Rear shell option ("0" only)
0: Without rear shell 1: With rear shell
- Insulator color option
B: Black I: Ivory W: Frost white
- Special option
0000: No special option

USB B-TYPE SOCKET CONNECTOR

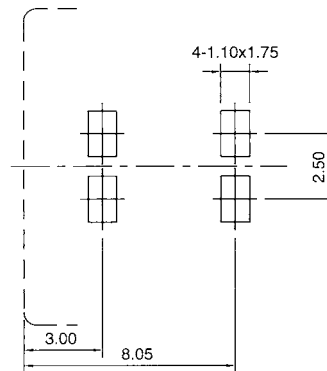
SCU202S SERIES



SCU 202S



**Pin Hole Layout
(Jack Bottom View)**



Feature

SCU202S series is USB, B type, single deck, receptacle connector and PCB mounted.

Construction

1. Housing : PBT & Glass fiber
2. Contact : Phosphor bronze
3. Shell : Copper alloy

Specification

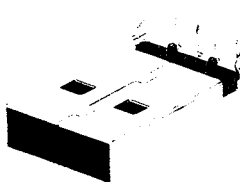
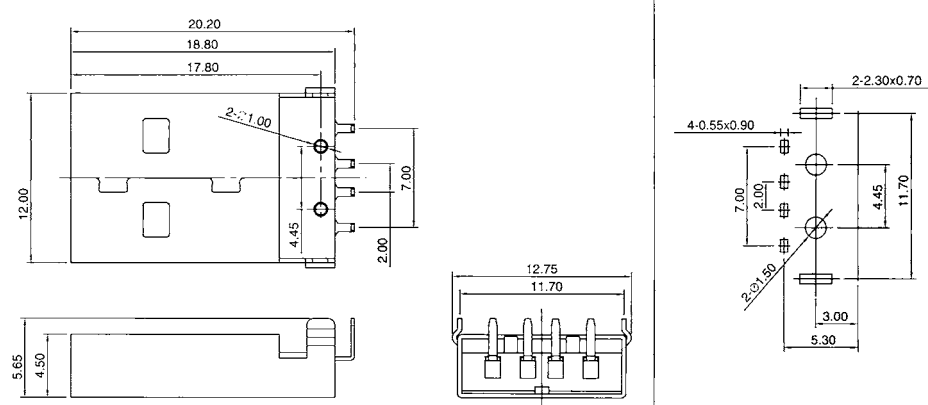
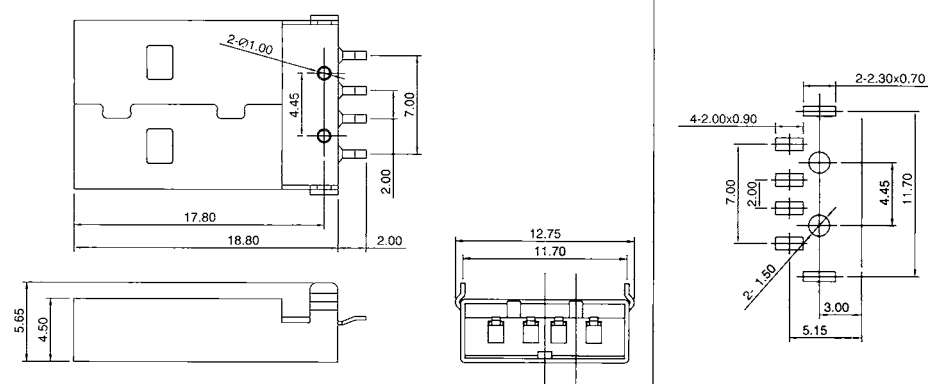
1. Rating :
1A, 30VAC(rms)
2. Insulation resistance :
1000M Ω (min.)
3. Contact resistance :
30m Ω (max.)
4. Dielectric withstanding voltage :
AC 750V
5. Temperature rating :
-55 $^{\circ}$ C to + 105 $^{\circ}$ C

Ordering Information

SCU202 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

- ① : Series No.
SCU202 = USB receptacle B type, single deck,
- ② : PCB mounting
S : PCB Straight, through hole type
- ③ : Contact plating : ("F" is standard)
F : Gold flash, over 50 μ " (min.) Nickel
G : Gold flash, over 30 μ " (min.)
J : 30 μ " Gold flash, over 50 μ " (min.) Nickel
- ④ : Shell plating option : ("N" is standard)
T : Tin
N : Nickel
- ⑤ : Rear shell option ("0" only)
0 : Without rear shell 1 : With rear shell
- ⑥ : Insulator color option
B : Black I : Ivory W : Frost white
- ⑦ : Special option
0000 : No special option

USB A-TYPE PLUG CONNECTOR

		Dimension (m/m)	(Jack Bottom View)
 SCU 106P-R	SCU 106P-R		
	SCU 106P-M		

Feature

SCU106P series is USB, A type, plug connector for cable assembly with solder terminal.

Construction

1. Housing : PBT & Glass fiber
2. Contact : Phosphor bronze
3. Shell : Copper alloy

Specification

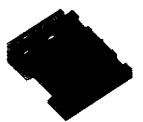
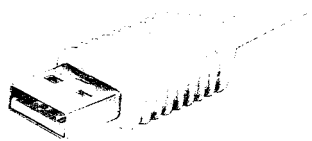
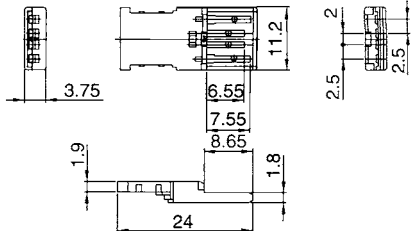
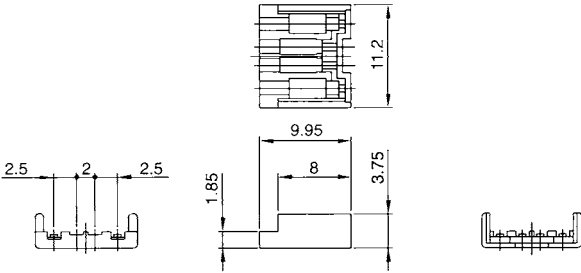
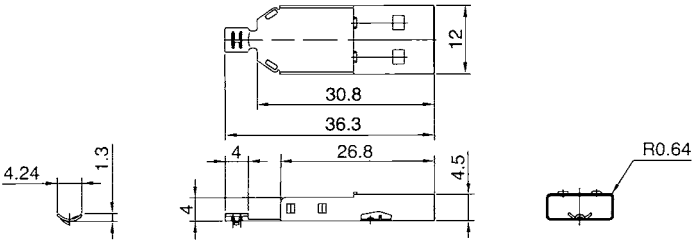
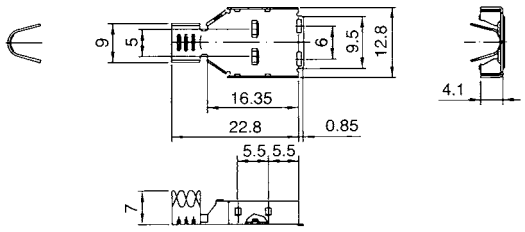
1. Rating : 1A, 30VAC(rms)
2. Insulation resistance : 1000M Ω (min.)
3. Contact resistance : 30m Ω (max.)
4. Dielectric withstanding voltage : AC 750V
5. Temperature rating : -55 $^{\circ}$ C to + 105 $^{\circ}$ C

Ordering Information

SCU106 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

- ① : Series No.
SCU106 = USB plug A type
- ② : Connector type
P : Plug(long body)
- ③ : PCB mounting
R : Right angle
M : SMT type
- ④ : Contact plating : ("F" is standard)
F : Gold flash, over 50 μ "(min.) Nickel
G : Gold flash, over 30 μ "(min.)
J : 30 μ " Gold flash, over 50 μ "(min.) Nickel
- ⑤ : Shell plating option : ("N" is standard)
T : Tin
N : Nickel
- ⑥ : Insulator color option
I : Ivory B : Black W : Frost white
- ⑦ : Special option
0000 : No special option

USB A-TYPE PLUG CONNECTOR

SCU103P SERIES		Dimension (m/m)	
 HOUSING  COVER  FRONT SHELL  REAR SHELL  SCU 103P	Housing		
	Cover		
	Front Shell		
	Rear Shell		

Feature

SCU103P series is USB, A-type, plug for cable assembly.

Construction

1. Housing : PBT & Glass fiber
2. Contact : Phosphor bronze
3. Shell : Steel

Specification

1. Rating :
1A, 30VAC (rms)
2. Insulation resistance :
1000M Ω (min.)
3. Contact resistance :
30m Ω (max.)
4. Dielectric withstanding voltage :
AC 750V
5. Temperature rating :
-55 $^{\circ}$ C to + 105 $^{\circ}$ C

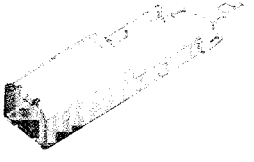
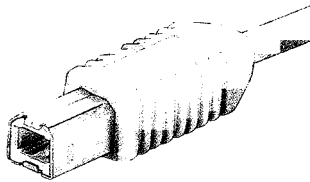
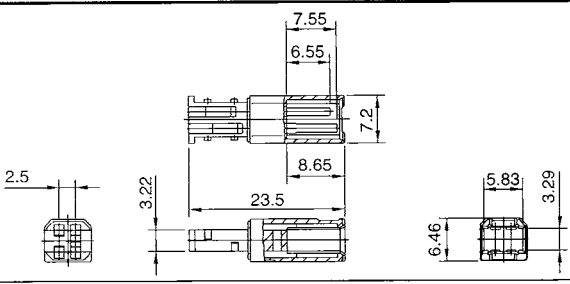
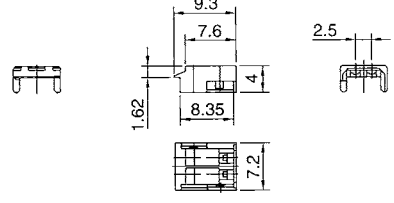
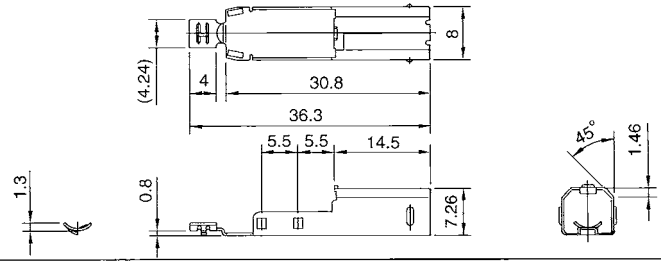
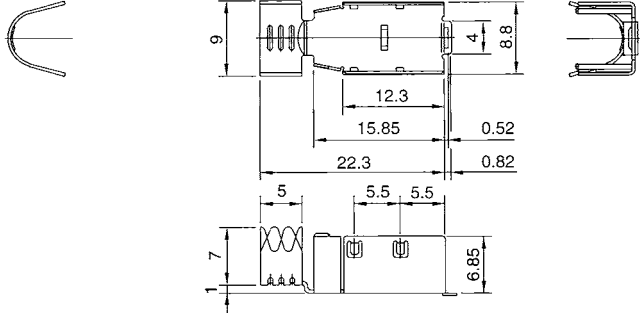
Ordering Information

SCU103 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

- ① : Series No.
SCU103 = USB plug A-type,
- ② : Connector style
P : Plug, (long body)
- ③ : Terminal option
D : Soldering type
- ④ : Contact plating option ("F" is standard)
F : Gold flash over 50 μ " (min.) Nickel
G : Gold flash over 30 μ " (min.)
J : 30 μ " Gold flash over 50 μ " (min.) Nickel
- ⑤ : Front shell option ("N" is standard)
T : Tin
N : Nickel
- ⑥ : Insulator color option
B : Black I : Ivory W : Frost white
- ⑦ : Special option
0000 : No special option

USB B-TYPE PLUG CONNECTOR

SCU203P SERIES

		Dimension (m/m)
 HOUSING  COVER  FRONT SHELL  REAR SHELL  SCU 203P	Housing	
	Cover	
	Front Shell	
	Rear Shell	

Feature

SCU203P series is USB, B-type, plug for cable assembly.

Construction

1. Housing : PBT & Glass fiber
2. Contact : Phosphor bronze
3. Shell : Steel

Specification

1. Rating :
1A, 30VAC (rms)
2. Insulation resistance :
1000M Ω (min.)
3. Contact resistance :
30m Ω (max.)
4. Dielectric withstanding voltage :
AC 750V
5. Temperature rating :
-55 $^{\circ}$ C to + 105 $^{\circ}$ C

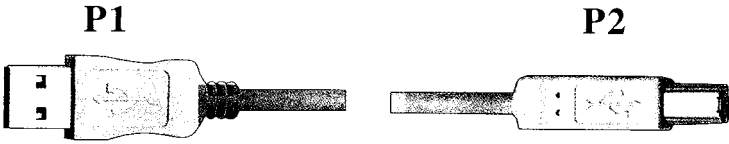
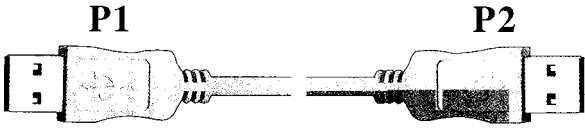
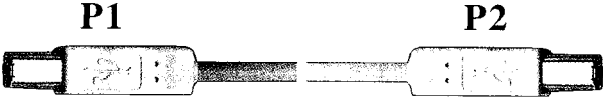
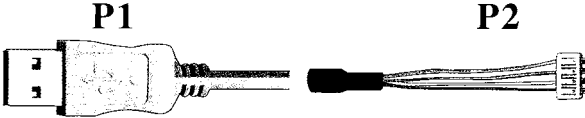
Ordering Information

SCU203

① ② ③ ④ ⑤ ⑥ ⑦

- ① : Series No.
SCU203 = USB plug B-type,
- ② : Connector style
P : Plug (long body)
- ③ : Terminal option
D : Soldering type
- ④ : Contact plating option ("F" is standard)
F : Gold flash over 50 μ " (min.) Nickel
G : Gold flash over 30 μ " (min.) Nickel
J : 30 μ " Gold flash over 50 μ " (min.) Nickel
- ⑤ : Front shell option ("N" is standard)
T : Tin
N : Nickel
- ⑥ : Insulator color option
B : Black I : Ivory W : Frost white
- ⑦ : Special option
0000 : No special option

USB CABLE ASSEMBLY

SCU 303AB		
SCU 303AA		
SCU 303AH		
SCU 303AO		

Feature

SCU303 series is USB cable assembly to provides A to A, A to B, A to Housing, A to Open end type, B to B, B to Housing, B to Open also available for custom design

Construction

1. Inner molding : P.E.
2. Shield : Copper foil
3. Outer molding : PVC

Specification

1. Rating :
1A, 30VAC(rms)
2. Insulation resistance :
1000M Ω (min.)
3. Contact resistance :
30m Ω (max.)
4. Dielectric withstanding voltage
AC 750V
5. Temperature rating :
55 $^{\circ}$ C to 105 $^{\circ}$ C

Ordering Information

SCU303

① ② ③ ④ ⑤ ⑥

① : Series No. SCU303 = USB plug cable assembly

② : P1-P2, USB plug type option

Code	P1	P2
AA	A	A
AB	A	B
AH	A	Housing (customer spec)
AO	A	Open end
BB	B	B
BH	B	Housing (customer spec)
BO	B	Open end

③ : Cable color option

0 : Black 1 : Ivory 2 : Frost white

④ : Cable spec (Al Foil + 65% Tinned Copper Braid)

0 : 28AWGx1Pair+28AWGx2C(O.D.: $\varnothing$ 4.2mm)

1 : 28AWGx1Pair+26AWGx2C(O.D.: $\varnothing$ 4.2mm)

2 : 28AWGx1Pair+24AWGx2C(O.D.: $\varnothing$ 4.7mm)

3 : 28AWGx1Pair+22AWGx2C(O.D.: $\varnothing$ 4.7mm)

4 : 28AWGx1Pair+20AWGx2C(O.D.: $\varnothing$ 5.0mm)

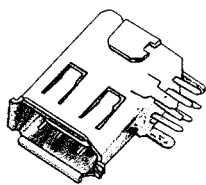
⑤ : Cable length

Contact factory for length code

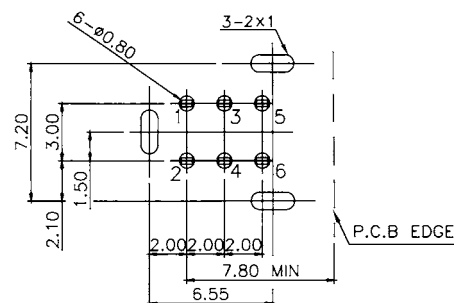
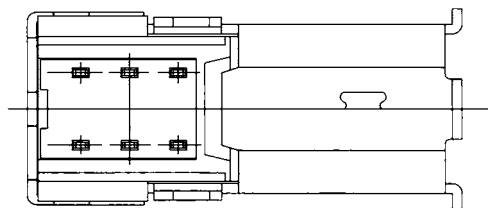
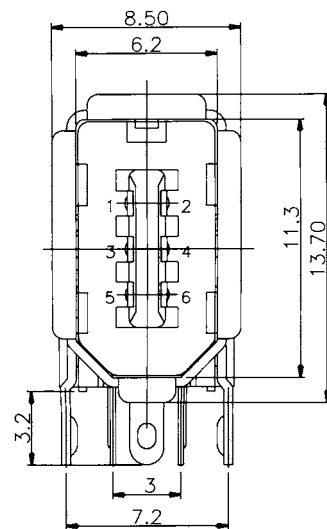
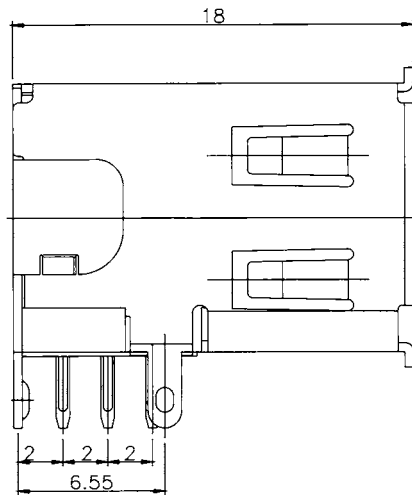
⑥ : Special option

0 : No special option

IEEE 1394 (FIREWIRE) CONNECTOR



SCI 101R



**Pin Hole Layout
(Jack Bottom View)**

Feature

Full line of external I/O connectors base on IEEE 1394 standard are available in both plug and receptacles. Receptacles are offered with high temperature plastic for true SMT processing.

Specification

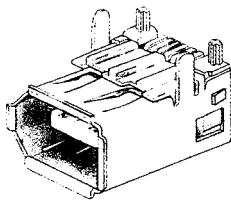
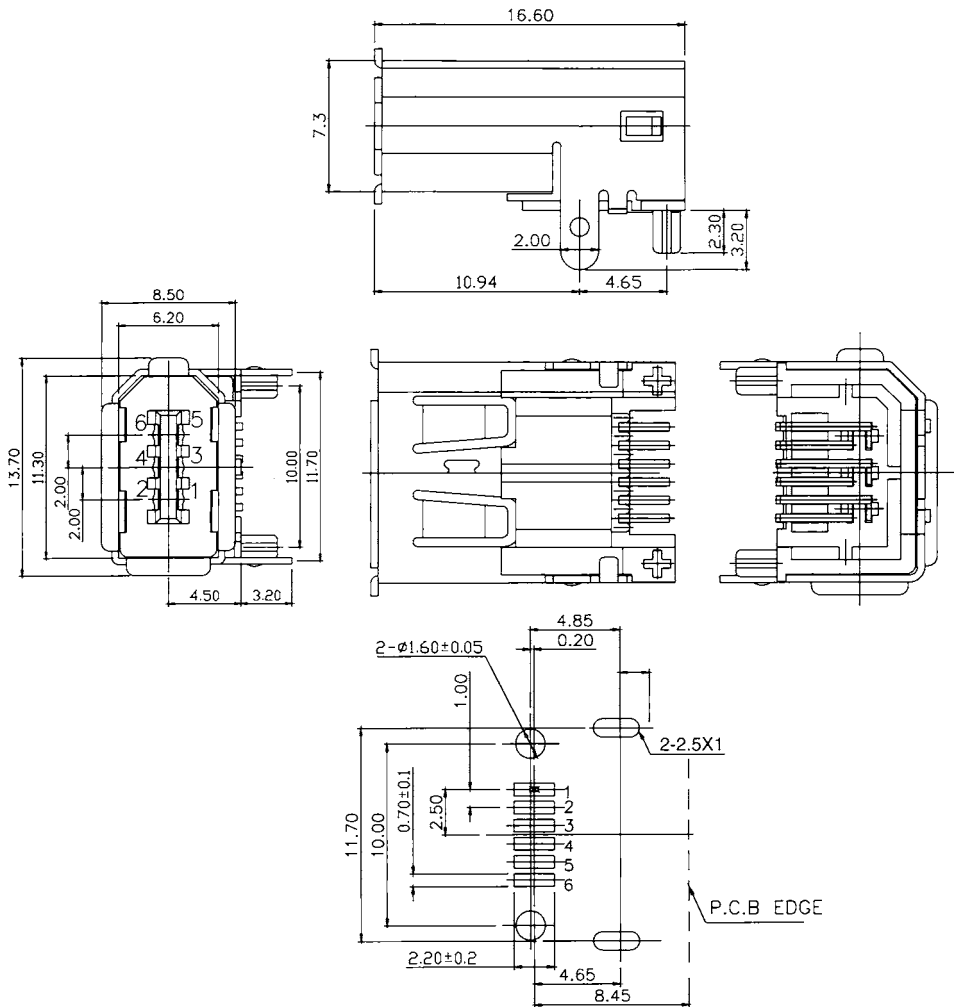
1. Current Rating: 1A
2. Mating cycles: 1500 cycles (min.)
3. Contact resistance : less than $30\text{m}\Omega$ per contact
4. Vibration : No discontinuity at 1 micro-second during 3-axis vibration.
5. Withstanding voltage : 500VAC +/- 50VAC (min.)
6. Insulation resistance : 100 M Ω (min.)

Ordering Information

SCI101 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

- ① : Series No.
SCI101=IEEE1394 Receptacle
- ② : PCB mounting
R : PCB right angle, through hole type
- ③ : Contact No.
6 : 6 positions
- ④ : Contact plating option ("F" is standard)
F : Gold flash over 50μ " (min.) Nickel
G : Gold flash over 30μ " (min.)
J : 30μ " Gold flash over 50μ " (min.) Nickel
- ⑤ : Shell plating option ("N" is standard)
T : Tin
N : Nickel
- ⑥ : Insulator color option
G : Gray I : Ivory B : Black
- ⑦ : Special option
0000 : No special option

IEEE 1394 (FIREWIRE) CONNECTOR

**SCI 201M**

Pin Land Layout

Feature

Full line of external I/O connectors base on IEEE 1394 standard are available in both plug and receptacles. Receptacles are offered with high temperature plastic for true SMT processing.

Specification

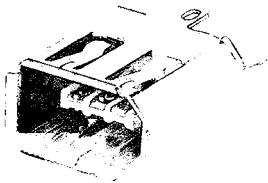
1. Current Rating: 1A
2. Mating cycles: 1500 cycles (min.)
3. Contact resistance : less than 30m Ω per contact
4. Vibration : No discontinuity at 1 micro-second during 3-axis vibration.
5. Withstanding voltage : 500VAC +/- 50VAC (min.)
6. Insulation resistance : 100 M Ω (min.)

Ordering Information

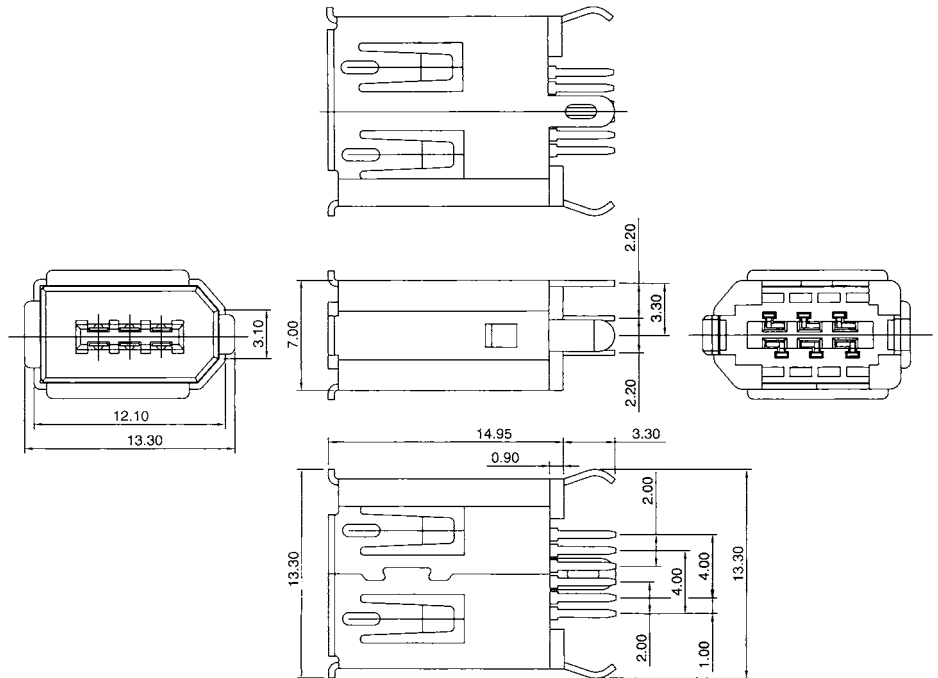
SCI201 □ □ □ □ □ □□□□
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① : Series No.
SCI201=IEEE1394 Receptacle
- ② : PCB mounting
M : PCB SMT type
- ③ : Contact No.
6 : 6 positions
- ④ : Contact plating option ("F" is standard)
F : Gold flash over 50 μ "(min.) Nickel
G : Gold flash over 30 μ "(min.)
J : 30 μ " Gold flash over 50 μ "(min.) Nickel
- ⑤ : Shell plating option ("N" is standard)
T : Tin
N : Nickel
- ⑥ : Insulator color option
G : Gray I : Ivory B : Black
- ⑦ : Special option
0000 : No special option

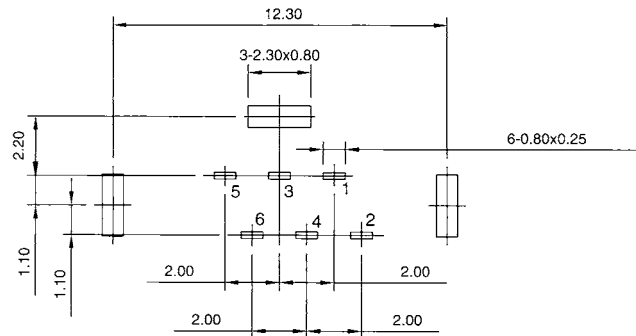
IEEE 1394 (FIREWIRE) CONNECTOR



SCI 201S



**Pin Hole Layout
(Jack Bottom View)**



Feature

Full line of external I/O connectors on IEEE 1394 standard are available in receptacles.
Receptacles are used in high temperature plastic material for SMT processing.

Specification

1. Current Rating: 1A
2. Mating cycles: 1500 cycles (min.)
3. Contact resistance : less than 30m Ω per contact
4. Vibration : No discontinuity at 1 micro-second during 3-axis vibration.
5. Withstanding voltage : 500VAC +/- 50VAC (min.)
6. Insulation resistance : 100 M Ω (min.)

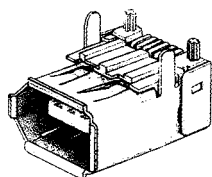
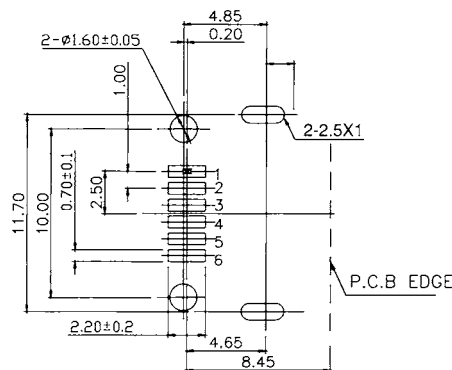
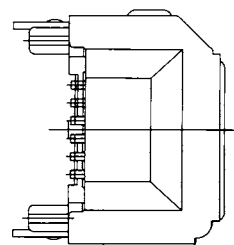
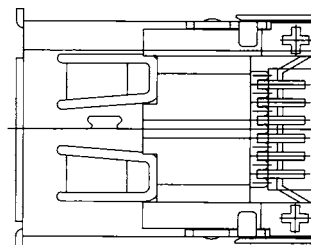
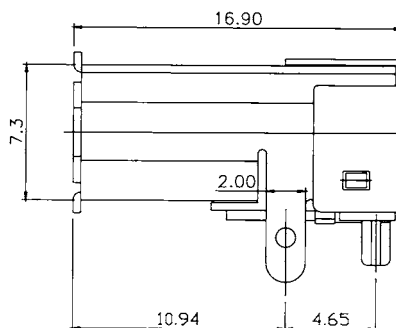
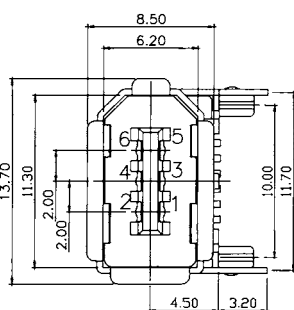
Ordering Information

SCI201 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

① ② ③ ④ ⑤ ⑥ ⑦

- ① : Series No.
SCI201=IEEE 1394 Receptacle
- ② : PCB mounting
S : PCB Straight, though hole type
- ③ : Contact No.
6 : 6 positions
- ④ : Contact plating option ("F" is standard)
F : Gold flash over 50 μ "(min.) Nickel
G : Gold flash over 30 μ "(min.)
J : 30 μ " Gold flash over 50 μ "(min.) Nickel
- ⑤ : Shell plating ("N" is standard)
T : Tin
N : Nickel
- ⑥ : Insulator color
W : Frost white I : Ivory B : Black
- ⑦ : Special option
0000 : No special option

IEEE 1394 (FIREWIRE) CONNECTOR

**SCI 202M**

Pin Land Layout

Feature

Full line of external I/O connectors base on IEEE 1394 standard are available in both plug and receptacles. Receptacles are offered with high temperature plastic for true SMT processing.

Specification

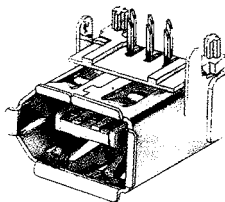
1. Current Rating: 1A
2. Mating cycles: 1500 cycles (min.)
3. Contact resistance : less than 30m Ω per contact
4. Vibration : No discontinuity at 1 micro-second during 3-axis vibration.
5. Withstanding voltage : 500VAC +/- 50VAC (min.)
6. Insulation resistance : 100 M Ω (min.)

Ordering Information

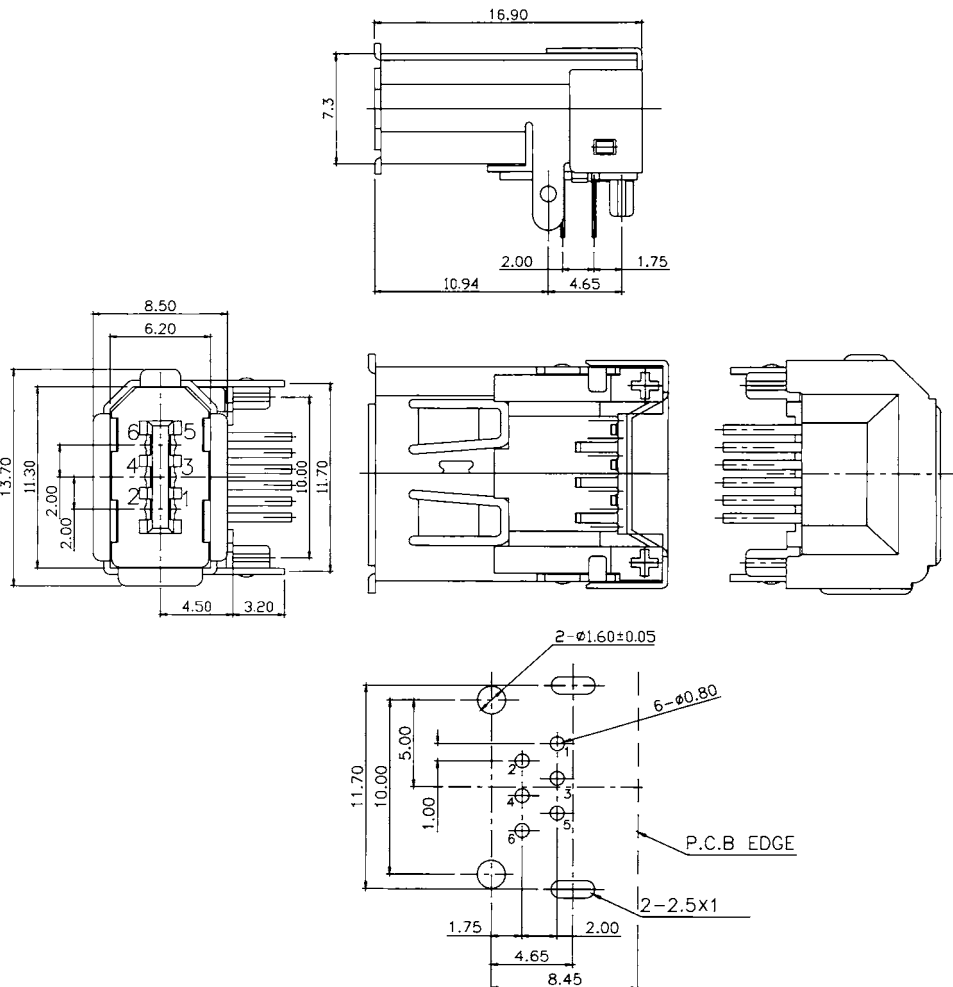
SCI202 $\square$ $\square$ $\square$ $\square$ $\square$ $\square\square\square\square$
① ② ③ ④ ⑤ ⑥ ⑦

- ① : Series No.
SCI201=IEEE 1394 Receptacle, with rear shell
- ② : PCB mounting
M : PCB SMT type
- ③ : Contact No.
6 : 6 positions
- ④ : Contact plating option ("F" is standard)
F : Gold flash over 50 μ "(min.) Nickel
G : Gold flash over 30 μ "(min.)
J : 30 μ " Gold flash over 50 μ "(min.) Nickel
- ⑤ : Shell plating ("N" is standard)
T : Tin
N : Nickel
- ⑥ : Insulator color option
G : Gray I : Ivory B : Black
- ⑦ : Special option
0000 : No special option

IEEE 1394 (FIREWIRE) CONNECTOR



SCI 202R



**Pin Hole Layout
(Jack Bottom View)**

Feature

Full line of external I/O connectors base on IEEE 1394 standard are available in both plug and receptacles. Receptacles are offered with high temperature plastic for true SMT processing.

Specification

1. Current Rating: 1A
2. Mating cycles: 1500 cycles (min.)
3. Contact resistance : less than $30\text{m}\Omega$ per contact
4. Vibration : No discontinuity at 1 micro-second during 3-axis vibration.
5. Withstanding voltage : 500VAC +/- 50VAC (min.)
6. Insulation resistance : 100 $\text{M}\Omega$ (min.)

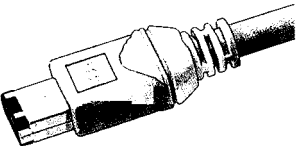
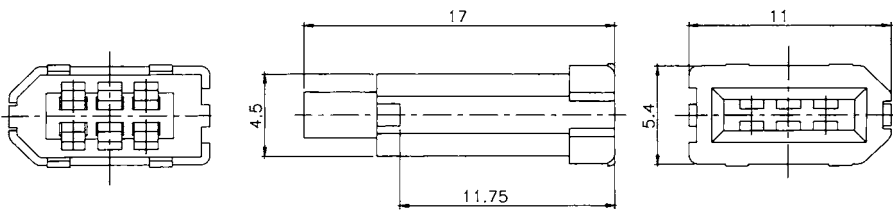
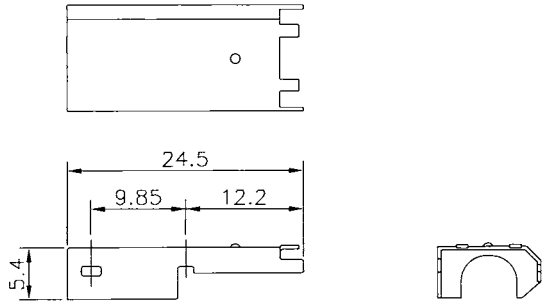
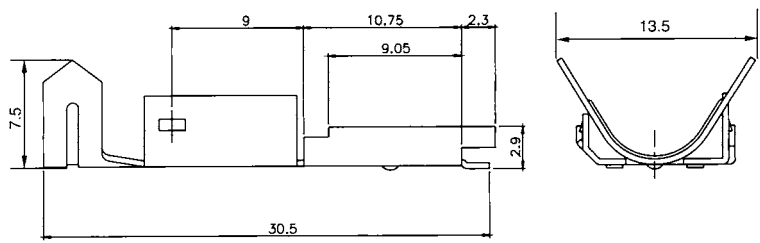
Ordering Information

SCI202 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

① ② ③ ④ ⑤ ⑥ ⑦

- ① : Series No.
SCI202=IEEE1394 receptacle, with rear shell
- ② : PCB mounting
R : PCB Right angle, through hole type.
- ③ : Contact No.
6 : 6 positions
- ④ : Contact plating option ("F" is standard)
F : Gold flash over 50μ " (min.) Nickel
G : Gold flash over 30μ " (min.)
J : 30μ " Gold flash over 50μ " (min.) Nickel
- ⑤ : Shell plating ("N" is standard)
T : Tin
N : Nickel
- ⑥ : Insulator color option
G : Gray I : Ivory B : Black
- ⑦ : Special option
0000 : No special option

IEEE 1394 (FIREWIRE) CONNECTOR

		Dimension (m/m)	
 HOUSING  FRONT SHELL  REAR SHELL  SCI 104P	Housing		
	Front Shell		
	Rear Shell		

Feature

The plug is offered with high temperature plastic for true SMT processing.

Specification

1. Current Rating: 1A
2. Mating cycles: 1500 cycles (min.)
3. Contact resistance : less than 30mΩ per contact
4. Vibration : No discontinuity at 1 micro-second during 3-axis vibration.
5. Withstanding voltage : 500VAC +/- 50VAC (min.)
6. Insulation resistance : 100 MΩ (min.)

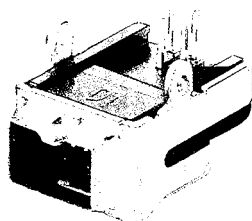
Ordering Information

SCI104 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

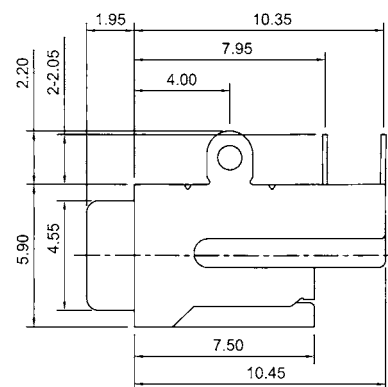
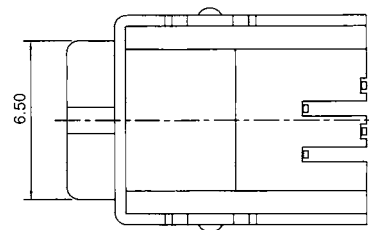
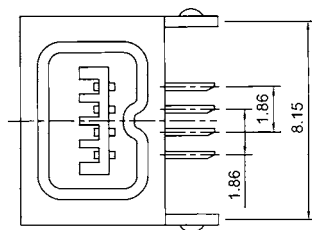
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① : Series No.
SCI104=IEEE-1394, Plug.
- ② : Connector style
P : Plug (long body)
- ③ : Terminal option
D : Soldering type
- ④ : Contact No.
6 : 6 positions
- ④ : Contact plating option ("F" is standard)
F : Gold flash over 50 μ" (min.) Nickel
G : Gold flash over 30 μ" (min.)
J : 30 μ" Gold flash over 50 μ" (min.) Nickel
- ⑤ : Shell plating ("N" is standard)
T : Tin
N : Nickel
- ⑦ : Insulator color option
G : Gray I : Ivory B : Black
- ⑧ : Special option
000 : No special option

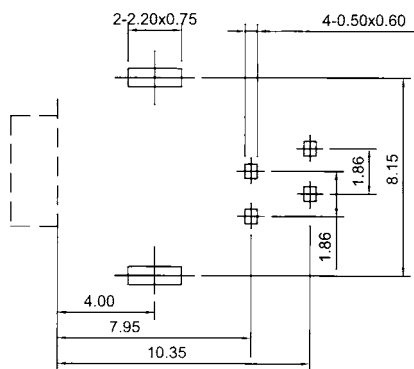
IEEE 1394 (FIREWIRE) CONNECTOR



SCI 131R



**Pin Hole Layout
(Jack Bottom View)**



Feature

Full line of external I/O connectors on IEEE 1394 standard is available in receptacles.
Receptacles are used in high temperature plastic material for SMT processing.

Specification

1. Current Rating: 1A
2. Mating cycles: 1500 cycles (min.)
3. Contact resistance : less than $30m\Omega$ per contact
4. Vibration : No discontinuity at 1 micro-second during 3-axis vibration.
5. Withstanding voltage : 500VAC +/- 50VAC (min.)
6. Insulation resistance : 100 $M\Omega$ (min.)

Ordering Information

SCI131 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

- ① : Series No.
SCI131=IEEE 1394 Receptacle
- ② : PCB mounting
R : PCB Right angle through hole type
- ③ : Contact No.
4 : 4 positions
- ④ : Contact plating option ("F" is standard)
F : Gold flash over 50μ "(min.) Nickel
G : Gold flash over 30μ "(min.)
J : 30μ " Gold flash over 50μ "(min.) Nickel
- ⑤ : Shell plating ("N" is standard)
T : Tin
N : Nickel
- ⑥ : Insulator color
W : Frost white I : Ivory B : Black
- ⑦ : Special option
0000 : No special option

IEEE 1394 (FIREWIRE) CONNECTOR



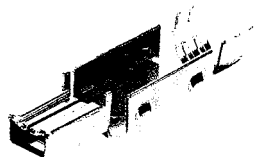
Housing



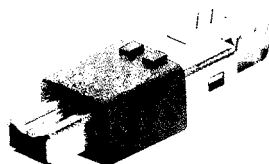
Cover



Front Shell



Rear Shell



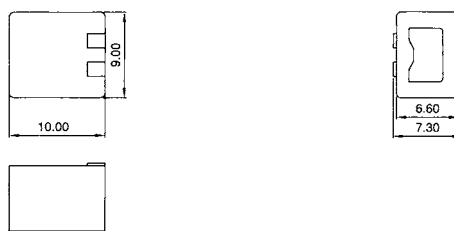
SCI 134P

Dimension (m/m)

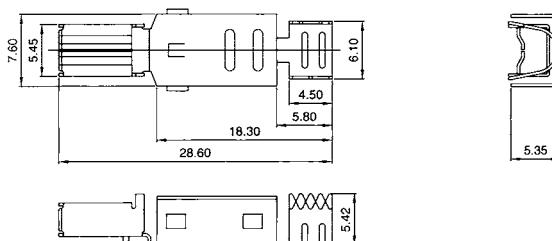
Housing



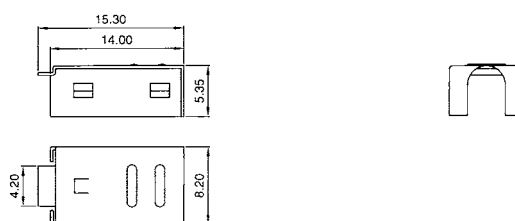
Cover



Front Shell



Rear Shell



Feature

Feature

The plug is used in high temperature plastic material for SMT processing.

Specification

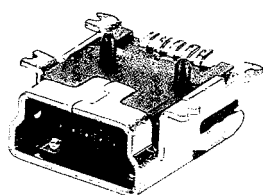
1. Current Rating: 1A
2. Mating cycles: 1500 cycles (min.)
3. Contact resistance : less than 30mΩ per contact
4. Vibration : No discontinuity at 1 micro-second during 3-axis vibration.
5. Withstanding voltage : 500VAC +/- 50VAC (min.)
6. Insulation resistance : 100 MΩ (min.)

Ordering Information

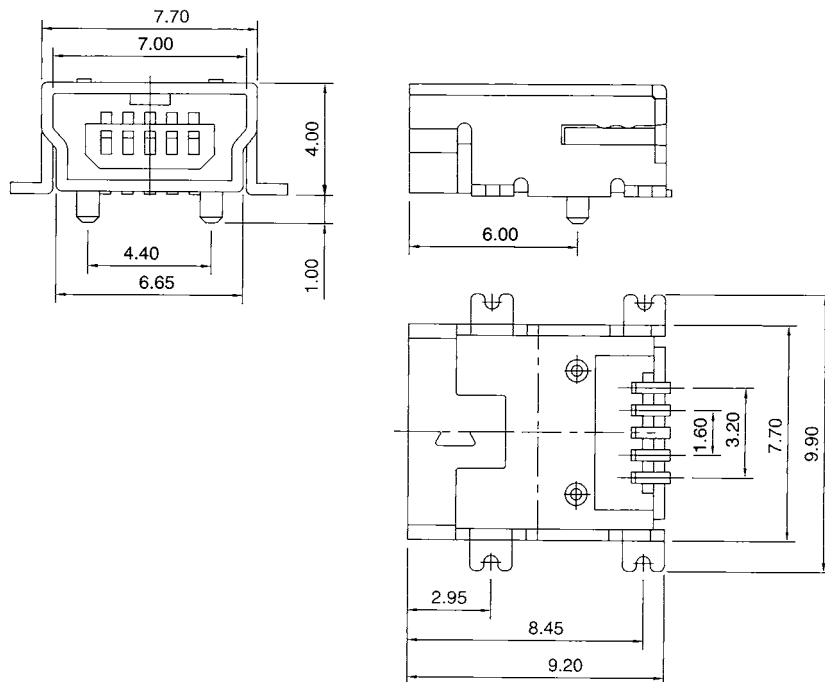
SCI134 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

- ① : Series No.
SCI134=IEEE 1394, Plug
- ② : Connector
P : Plug(long body)
- ③ : Terminal
D : Soldering type
- ④ : Contact No: 4 : 4 position
- ⑤ : Contact plating : ("F" is standard)
F : Gold flash over 50 μ" (min.) Nickel
G : Gold flash over 30 μ" (min.)
J : 30 μ" Gold flash over 50 μ" (min.) Nickel
- ⑥ : Shell plating : ("N" is standard)
T : Tin
N : Nickel
- ⑦ : Insulator color :
W : Frost white I : Ivory B : Black
- ⑧ : Special option
000 : No special option

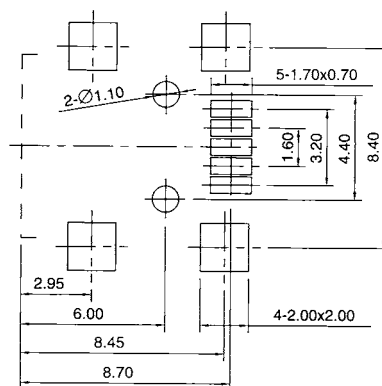
MINI USB A-TYPE SOCKET CONNECTOR



SCU 111M



**Pin Hole Layout
(Jack Bottom View)**



Feature

SCU111M series is mini USB, A type, single deck, receptacle connector with SMT mounted to PCB.

Construction

1. Housing : PBT (UL94V-0)
2. Contact : Brass
3. Shell : SPCC

Specification

1. Rating : 30VAC(rms)/1A per contact.
2. Insulation resistance : 1000M Ω (min.)
3. Contact resistance : 30m Ω (max.)
4. Dielectric withstanding voltage : AC 750V
5. Temperature rating : From -55°C to + 105°C

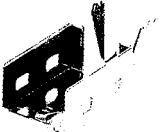
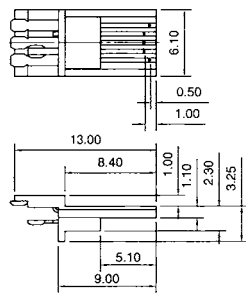
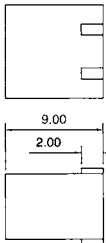
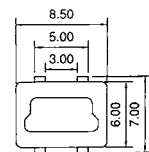
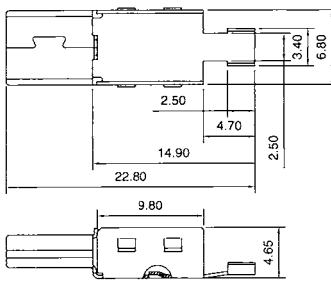
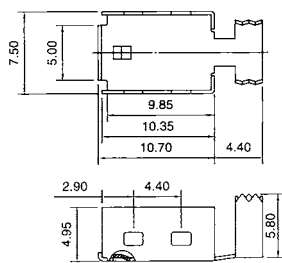
Ordering Information

SCU111 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

① ② ③ ④ ⑤ ⑥ ⑦

- ① : Series No.
SCU111 = Mini USB receptacle.
- ② : PCB mounting
M : PCB SMT type
- ③ : Contact Number
5 : 5 positions
- ④ : Contact plating option ("F" is standard)
F : Gold flash over 50 μ "(min.) Nickel
G : Gold flash over 30 μ "(min.)
J : 30 μ " Gold flash over 50 μ "(min.) Nickel
- ⑤ : Shell plating ("N" is standard)
T : Tin
N : Nickel
- ⑥ : Insulator color option
B : Black I : Ivory W : Frost white
- ⑦ : Special option
0000 : No special option

MINI USB A-TYPE PLUG CONNECTOR

		Dimension (m/m)	
 Housing	 Cover	 Front Shell	 Rear Shell
 SCU 113P			
Housing			 
Cover			 
Front Shell			 
Rear Shell			 

Feature

SCU113P series is mini USB, A-type, plug connector for cable assembly with solder terminal.
It can be supplied together with metal cover and stop rubber.

Construction

1. Housing : PBT (UL94V-0)
2. Contact : Brass
3. Shell : SPCC

Specification

1. Rating : 30VAC(rms)/1A per contact.
2. Insulation resistance : 1000MΩ(min.)
3. Contact resistance : 30mΩ(max.)
4. Dielectric withstanding voltage : AC 750V
5. Temperature rating : From -55°C to + 105°C

Ordering Information

SCU113 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

- ① : Series No.
SCU113 = Mini USB plug
- ② : Connector style
P : Plug (long body)
- ③ : Terminal
D : Soldering type
- ④ : Contact plating option ("F" is standard)
F : Gold flash over 50 μ"(min.) Nickel
G : Gold flash over 30 μ"(min.)
J : 30 μ" Gold flash over 50 μ"(min.) Nickel
- ⑤ : Shell plating option ("N" is standard)
T : Tin
N : Nickel
- ⑥ : Insulator color
B : Black I : Ivory W : Frost white
- ⑦ : Special option
0000 : No special option