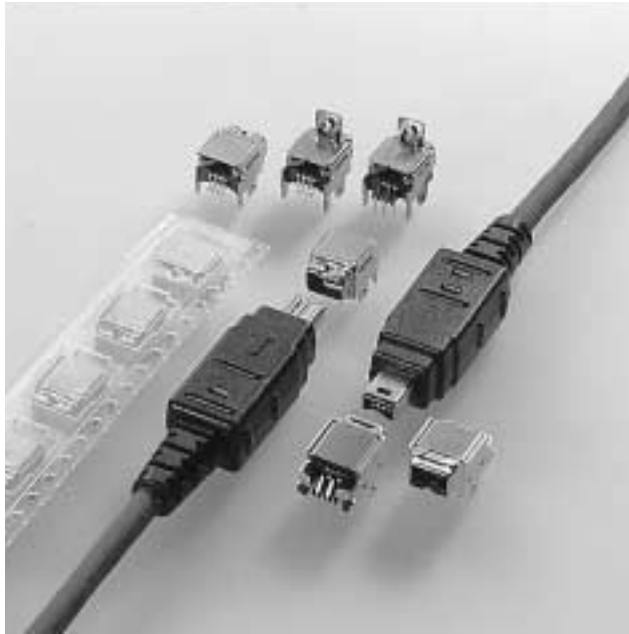
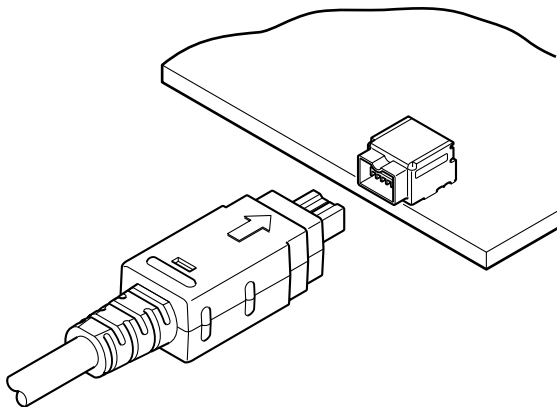


RV CONNECTOR

High-speed serial interface connectors



Conforming to the IEEE 1394 standards (4P), the RV connector is a high-speed serial interface connector designed for use in PCs and consumer electronic equipment.



Features

• Plug

Whilst designing the plug, specific consideration was given to the assembly process.

• A variety of receptacles are available

• Compact

Due to the fact that the RV connector is designed for external use, particular consideration has been given during design, to ensure that it is resistant to distortion during both insertion and removal. Though resistant, the normal type product is also particularly compact to ensure that PC board space is utilized most effectively.

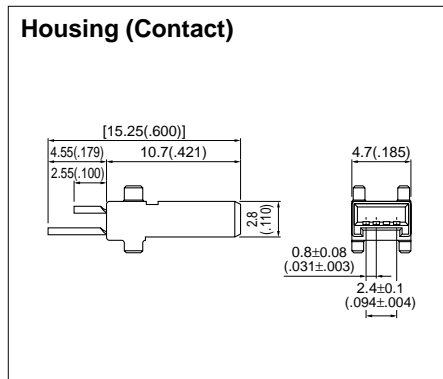
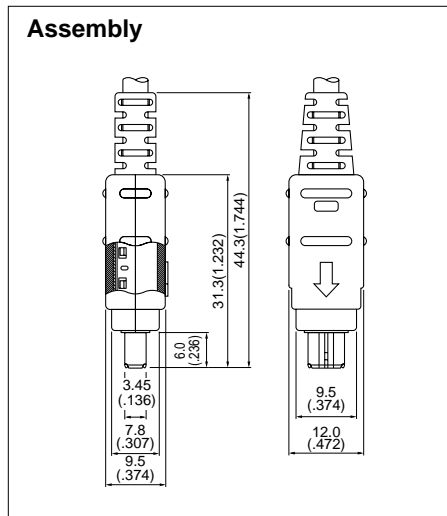
Specifications

- Current rating: 0.3A AC, DC
 - Voltage rating: 30V AC, DC
 - Temperature range: -40°C to +85°C
(including temperature rise in applying electrical current)
 - Contact resistance: Initial value/50m Ω max.
After environmental testing/max.
30m Ω variation from initial value
 - Insulation resistance: 100M Ω min.
 - Withstanding voltage: 100V AC/minute
 - Applicable wire (Plug): AWG #32 to #30
 - Applicable cable O.D. (Plug): 4.0 to 4.3mm (.157" to .169")
 - Applicable PC board thickness: 0.8 to 1.6mm (.031" to .063")
- Contact JST for details.

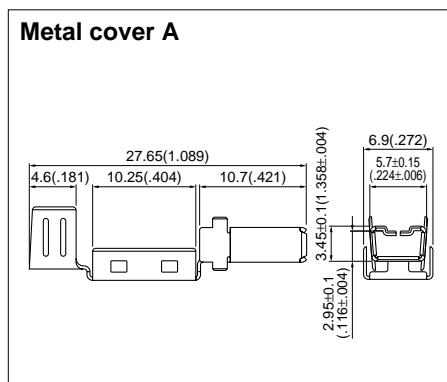
Standards

- Recognized E60389
- 1 Certified LR20812

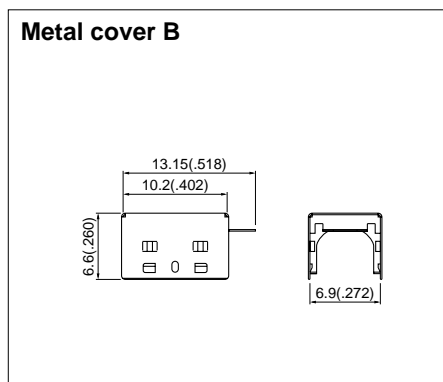
Plug type



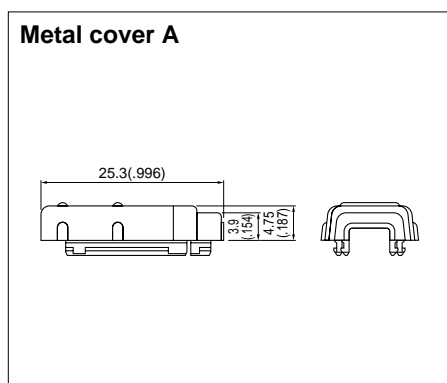
Model No.	Material and Finish
RV-P14-113	Contact: Copper alloy, nickel-undercoated Mating section...gold-plated Solder tail...tin/lead-plated Housing: Glass-filled PBT, UL94V-0



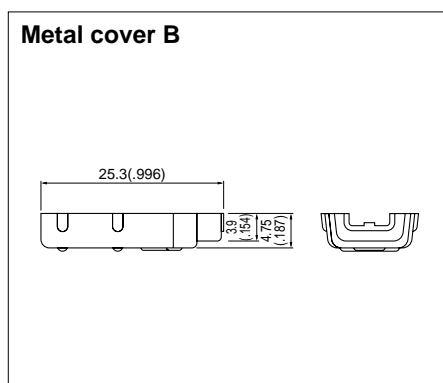
Model No.	Material
RV-PMCA4-381-4	Copper alloy, copper-undercoated, nickel-plated



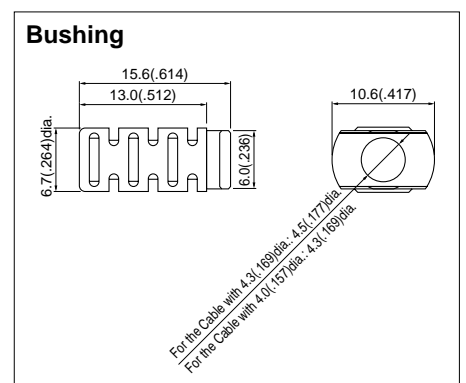
Model No.	Material
RV-PMCB4-7	Stainless Steel



Model No.	Material
RV-PCHA4-1()-4	Glass-filled PC, UL94V-0



Model No.	Material
RV-PCHB4-1()-4	Glass-filled PC, UL94V-0



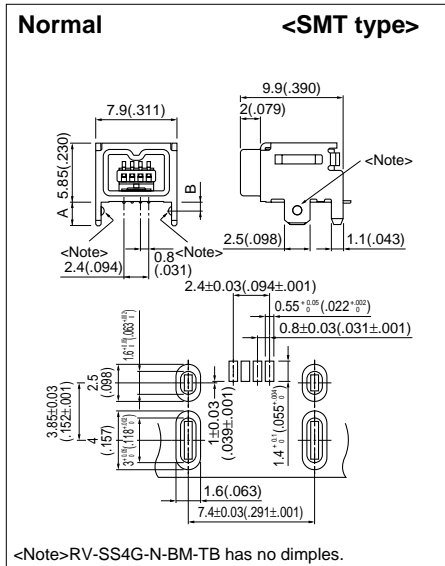
Model No.	Material
RV-PB-()1K	PVC, UL94V-0

(): K...Black, H...Gray, SC...Clear

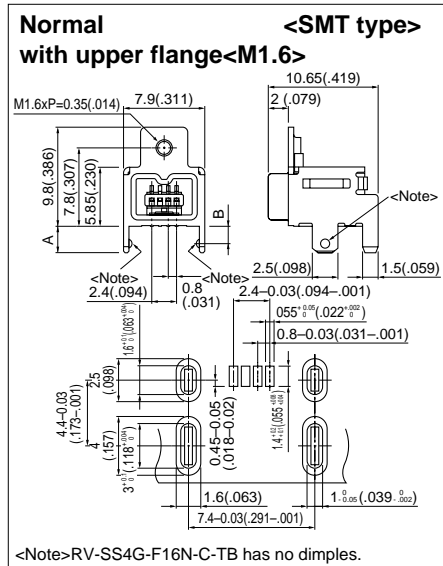
(): K...Black, H...Gray, SC...Clear

(): 40...For 4.0(.157)dia., 43...For 4.3(.169)dia.

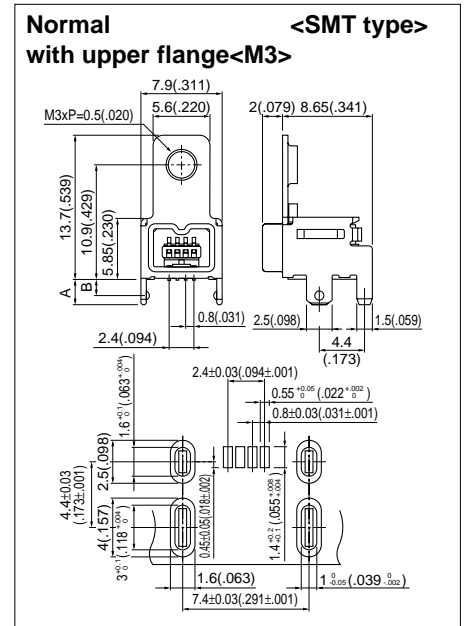
Receptacle



Model No.	Material and Finish
Supplied on embossed tape	Housing PPS, UL94V-0
RV-SS4G-N-BM-TB	Contact Copper alloy, Mating section...gold-plated Solder tail...tin/lead-plated
Supplied in tray	Shell cover Copper alloy, copper-undercoated, nickel-plated
RV-SS4G-N-B()	Shell Mild steel, copper-undercoated, tin/nickel alloy plated



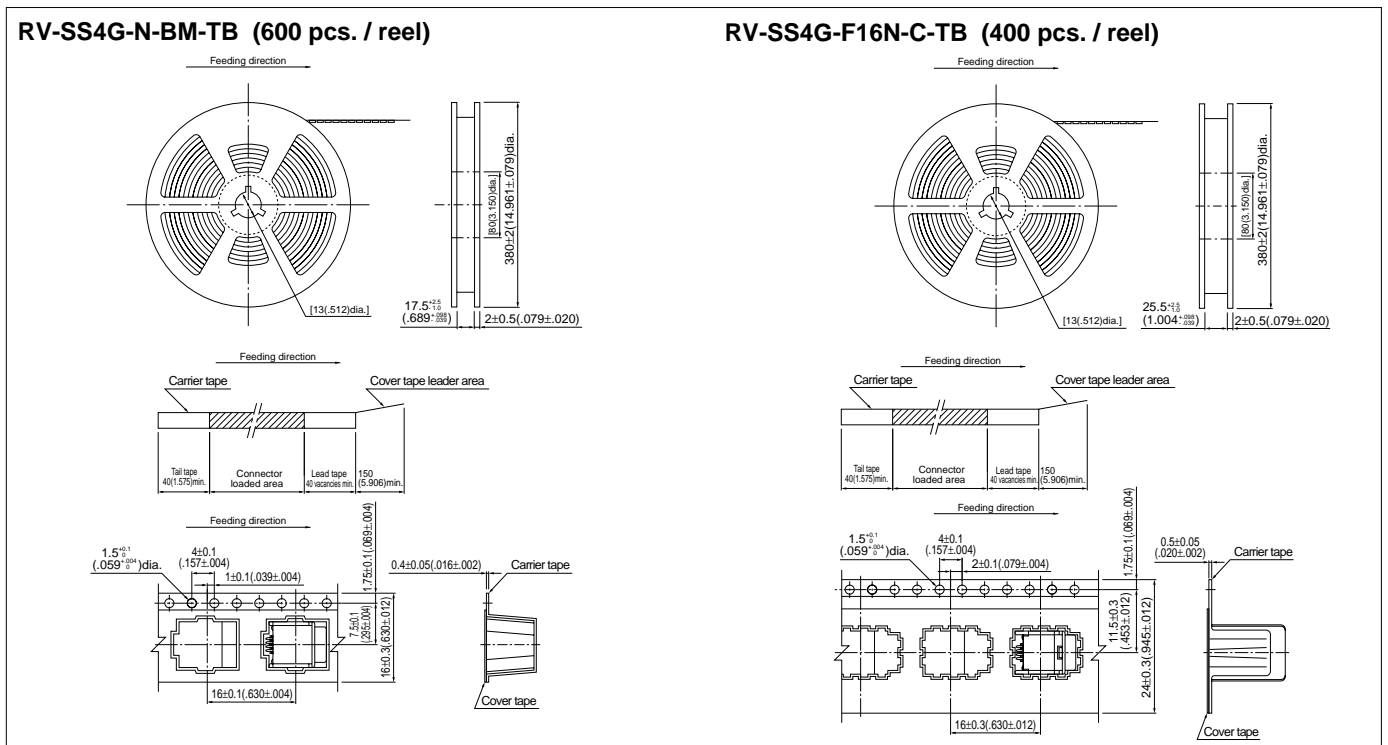
Model No.	Material and Finish
Supplied on embossed tape	Housing PPS, UL94V-0
RV-SS4G-F16N-C-TB	Contact Copper alloy, Mating section...gold-plated Solder tail...tin/lead-plated
Supplied in tray	Shell cover Copper alloy, copper-undercoated, nickel-plated
RV-SS4G-F16N-C()	Shell Mild steel, copper-undercoated, tin/nickel alloy plated



Model No.	Material and Finish
Supplied on embossed tape	Housing PPS, UL94V-0
RV-SS4G-F30N-E()	Contact Copper alloy, Mating section...gold-plated Solder tail...tin/lead-plated
Supplied in tray	Shell cover Copper alloy, copper-undercoated, nickel-plated
	Shell Mild steel, copper-undercoated, tin/nickel alloy plated

- Note: 1. Receptacles are not UL/CSA approved.
 2. Model No. : () denotes the applicable PC board thickness.
 08 ... For 0.8mm(.031") thick PC board
 16 ... For 1.6mm(.063") thick PC board
 3. As for the dimensions A & B, refer to the chart in the previous page.

Taping Specifications



- Note: 1. Specifications conform to JIS C0806. The tape width, connector loading recess square hole dimensions, etc. are determined by the number of circuits and external shape of the connector to be loaded.
 2. Specifications are subject to change without prior notice.