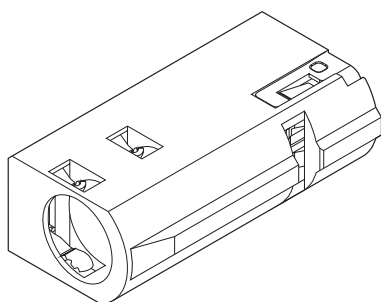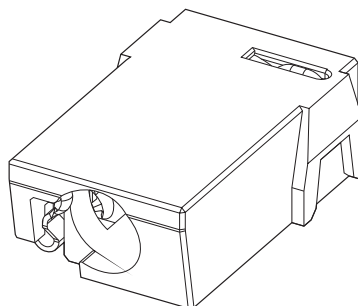# EP CONNECTOR SERIES

Interface type

3.5EP Type R

3.5EP SLANT3 Type

3.5EP Type R

- *3.5mm in diameter. Connector for 4-circuit plug (EIAJ RC-5325A-compliant plug)*

- *Normal close, Independent switch
  The plug with different GND position is also available by adopting the plug and the block electricity switch function.*

- *Round shape
  This connector shape is available for round shape of adoption chassis.*

- *Adopting two contact points terminal
  2 contact points terminal for the GND/MIC terminal is adopted to reduce the electrical resistance.*

3.5EP SLANT3 Type

- *3.5mm in diameter. Connector for 4-circuit plug (EIAJ RC-5325A-compliant plug)*

- *Normal close, Independent switch
  The plug with different GND position is also available by adopting the plug and the block electricity switch function.*

- *Insertion and withdrawal forces of plug
  Lock pin is adopted to improve insertion force feeling and to strengthen withdrawal force of plug.*

- *Biotechnology resin
  Resin produced by partially using the plant-based raw material for the housing material is adopted.*

Specifications ─────────────

3.5EP Type R

- Current rating: 2A AC, DC
- Voltage rating: 30V AC, DC
- Temperature range: -30˚C to +85˚C
  (including temperature rise in applying electrical current)
- Contact resistance: Ground contact/20m Ω max.
  Other contacts/50m Ω max.
- Insulation resistance: 1,000M Ω min.
- Withstanding voltage: 400V AC/minute

3.5EP SLANT3 Type

- Current rating: 2A AC, DC
- Voltage rating: 30V AC, DC
- Temperature range: -30˚C to +85˚C
  (including temperature rise in applying electrical current)
- Contact resistance: Ground contact/20m Ω max.
  Other contacts/60m Ω max.
- Insulation resistance: 1,000M Ω min.
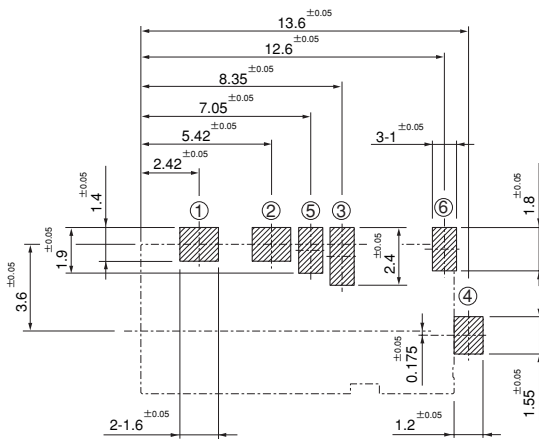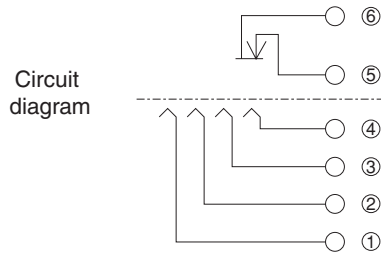- Withstanding voltage: 400V AC/minute

* Compliant with RoHS.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
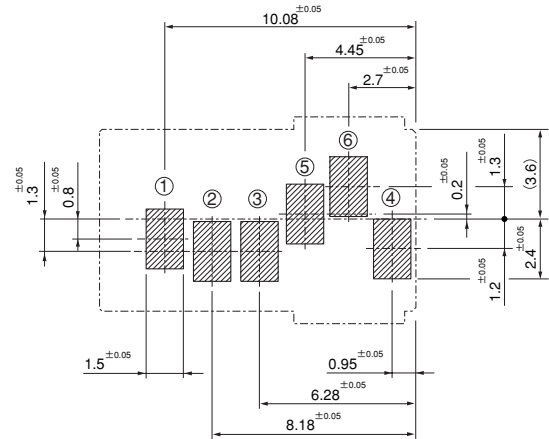* Contact JST for details.
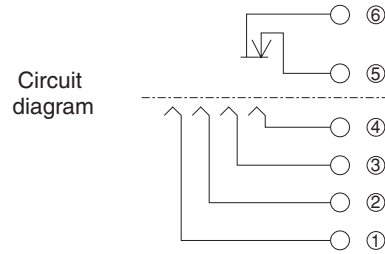
3.5EP Type R

Circuit diagram

3.5EP SLANT3 Type

Circuit diagram

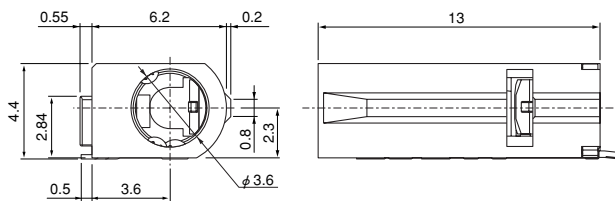*Note:1. Viewed from component side. (above figures)*
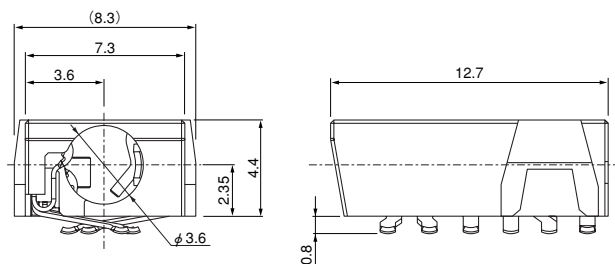*2. Tolerances are non-cumulative: ±0.05mm for all centers.The dimensions above should serve as a guideline. Contact JST for details.*

Connector

3.5EP Type R

3.5EP SLANT3 Type

Type	Circuits	Model No.	Q'ty / reel
Type R	6	**3.5EP-R NMP(HF)**	1,500
SLANT3 Type		**3.5EP-SL3-C NMP(HF)**	1,000

Material and Finish

Contact: Copper alloy, nickel-undercoated, gold-plated
Housing: Thermoplastic resin, UL94-HB, black
Lock piin: Stainless

RoHS compliance