

RC1 SERIES CONNECTORS

0.5mm (.020") Contact Spacing, EMI Shielded, PCB-to-Cable Connectors



The RC1 Series is a 10 position connector that can carry audio jack signals. This connector is ideal for use in mobile phones and is compatible with the JEITA standard.

GENERAL SPECIFICATIONS

| | |
|---------------------------------|---------------------------------|
| Number of Contacts | 10 |
| Contact Spacing | 0.5mm (.020") |
| Current Rating | 0.3 Amp per contact |
| Dielectric Withstanding Voltage | 250 VAC r.m.s. (for one minute) |
| Insulation Resistance | 100 megohms min. |
| Contact Resistance | 50 milliohms max. |
| Operating Temperature | -40°C to +85°C |

FEATURES

- Receptacle is available in standard or reverse mounting
- First-mate-last-break contacts
- Plug connector has through hole contacts to reduce the size of plug harness
- Friction lock for easy insertion and removal when mated
- Lead free contacts

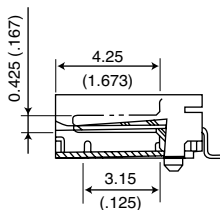
MATERIALS AND FINISHES*

| Description | Materials/Finishes |
|-------------|---|
| Insulator | Glass-filled Nylon (UL94V-0) |
| Contact | Copper Connector area: Gold over Nickel Terminal area: Gold Flash over Nickel |
| Shell | Stainless steel/ Tin Plated |

ORDERING INFORMATION

| | | | | | | |
|-------------------|--|---|--|---|---|---|
| Series | RC1 | * | 010 | * | * | * |
| Contact type | B – Plug | | R – Receptacle | | | |
| No. of Contacts | 010 – 10 pins | | | | | |
| Mounting Method | H – Right angle (SMT) receptacle | | U – Straight (through hole) plug | | | |
| Contact Finish | 1 – Connecting area: Gold over Nickel Terminal area: Gold Flash over Nickel | | | | | |
| Modification Code | 1 – Standard mounting (plug & receptacle) | | 2 – Reverse mounting (receptacle only) | | | |

Connector Profile (Ref.)



* Please consult JAE for verification of product availability.

Dimensions and specifications subject to change without notice.