

ST2 Micro SD (Push/Push Type)



The ST2 Series are one-piece type external connectors for microSDTMcard. High density SMT mounting type low profile connector compatible with microSDTMcards, standardized by SDATM(SDCard Association) as a compact card for various portable devices.* microSDTM is a trademark of SDCard Association.

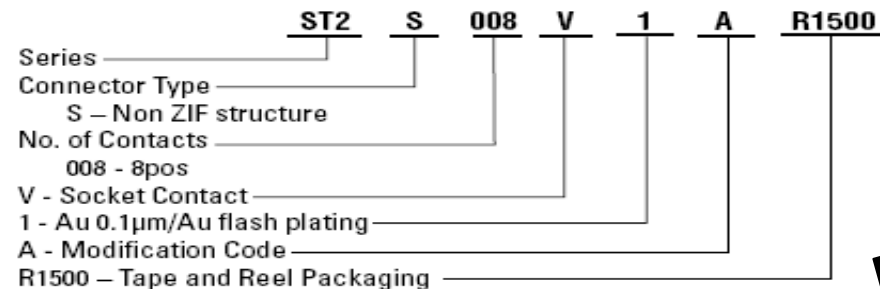
FEATURES

- Push-push type connector for microSDTM-memory cards with 1mm push stroke and 3.3mm card eject length.
- Shield characteristic is secured by the 4 ground connection points.
- Compact slim design with 1.75mm height, 15.5mm depth and 14.5mm width(depth including card: 17.5mm)
- Pb-free products (RoHS directive)
- Card insertion detection structure (D-SW)
- Ensured ejection of card with metallic eject bar

GENERAL SPECIFICATIONS

| | |
|---------------------------------|--------------------|
| Number of Contacts | 8 pos. + 2pos. |
| Contact Resistance | 100 milliohms max. |
| Dielectric withstanding Voltage | DC500V per min. |
| Operating Temperature | -25°C to +85°C |
| Storage Temperature | -10°C to +60°C |
| Rated Current | 0.5A per pin |
| Rated Voltage | 10V per pin |
| Insulation Resistance | 1000milliohms min. |
| Lifetime | 10,000 times |
| Temperature Rise | 30°C max. |

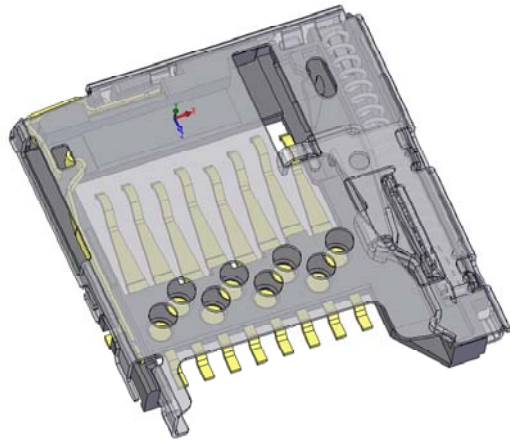
ORDERING INFORMATION



RS

Reeled service product

ST2 Series For micro SD



- **For microSD™ Card specified by SDA™ Standard Mount Type with Push-Push Mechanism**

Good balance for EMI by 4 points Hold Down

Low Profile H=1.75mm x D=15.5mm x W=14.5mm

(D with Card =17 . 5mm)

**Supply in Embossed Tape and Reel
(Second Reflow Applicable)**

- **Pb-Free (RoHS Compliant)**
- **Card Detection Switch included (D-SW)
: normally Open**
- **Card Lock Mechanism inside**
- **Push Stroke 1mm,
Dim. when the card ejected 3.3mm**