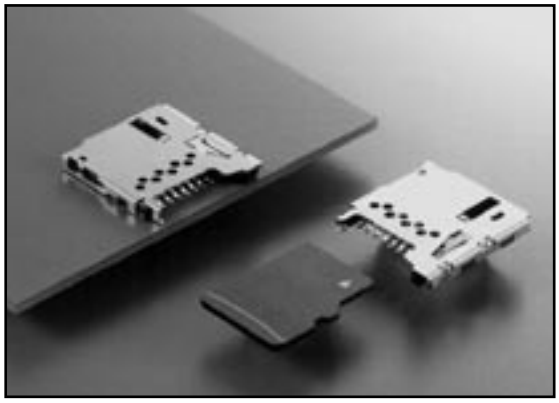
ST2 SERIES CONNECTORS

Connector for MicroSD (TransFlash™) Card



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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.* microSDTMis 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.

MATERIALS AND FINISHES*

Description	Materials/Finishes
Contact	Copper Alloy / Contact Area: 0.5µm min. Au Plating over Ni Terminal Area: Au flash plating over Ni
Housing	Synthetic Resin / No (UL94V-0)
Cover	Stainless Steel/none
Eject Bar	Stainless Steel/none
Spring	Piano wire/Ni plating
D-SW Contact	Plating compliant to finish of signal contact

ORDERING INFORMATION

ST2 S 008 V 1 A R1500

Series — ST2
Connector Type — S
S – Non ZIF structure
No. of Contacts — 008
008 - 8pos
V - Socket Contact — V
1 - Au 0.1µm/Au flash plating — 1
A - Modification Code — A
R1500 – Tape and Reel Packaging — R1500

• Please consult JAE for verification of product availability.

Dimensions and specifications subject to change without notice.