

Separate Sheet

Product Specifications of the E2 Emulator

| Item | Description |
|------------------------------------|--|
| Emulator type | E2 emulator Type name: RTE0T00020KCE00000R |
| PC interface | USB 2.0 (high speed/full speed) |
| Board interface | 20-pin (1.27-mm pin spacing) connector Part number: FTSH-110-01-L-DV-K (Samtec) |
| | When using the conversion adapter: 14-pin (2.54-mm pin spacing) connector 7614-6002 from 3M Japan Limited (in Japan), 2514-6002 from 3M Limited (in other countries) |
| Power voltage for the emulator | USB-bus power supply (VBUS 4.5 V min. / 500 mA max.) |
| Power supply for the target device | Supplied from the user system or supplied from the emulator (200 mA max. (Note)) |
| Hot plug-in function | Available (No need for an adapter sold separately) |
| Self-diagnosis connector | Used not only for self-diagnosis but also for solutions for measurement of CAN communication response time and tuning of current consumption. |
| Correspondence user system voltage | Within 1.8 V to 5.0 V, and in the range of the MCU operating power supply voltage |
| External dimensions (main body) | 105.9 mm × 64.0 mm × 19.5 mm |
| Weight | 75 g (not including cables) |
| Operating temperature | 5 to 35°C (no condensation) |
| Storage temperature | -10 to 60°C (no condensation) |
| EMC | EU: EN 55022 Class A, EN 55024 USA: FCC part 15 Class A |

Note: Based on 500 mA supply from USB VBUS

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