

**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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