

ETAI1

ETK ECU Adapter, Erni - Samtec (12fc -
10fc),0m11

Data Sheet



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1 Introduction

Serial JTAG Cable to connect an ECU with '10 pin SAMTEC connector' to an ETK-S4.2B.

1.1 View



Figure 1: View

1.2 Installation

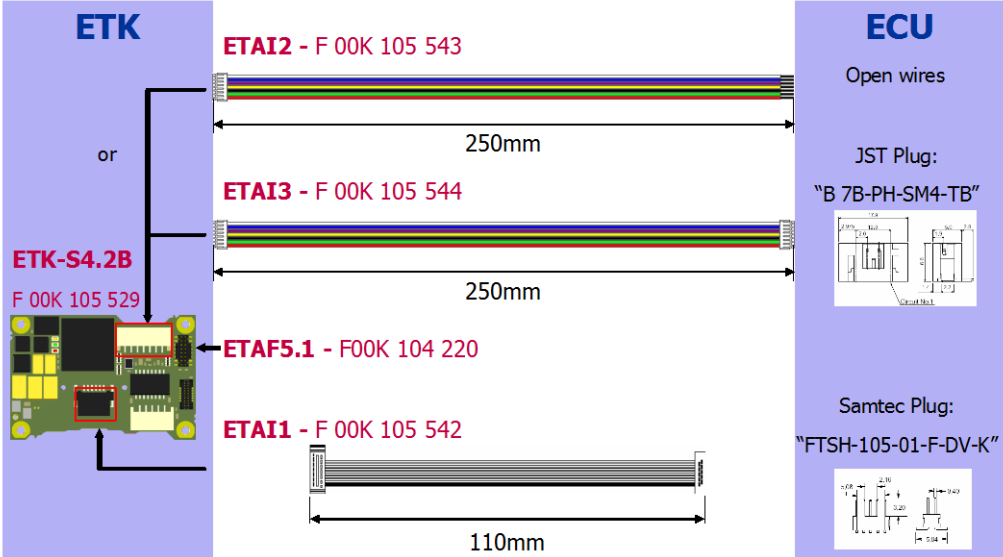


Figure 2: Installation

2 Technical Data

2.1 ECU Connector

To fit with the ETAI1 adapter cable in the ECU must installed an 10 pin SAMTE connector with the order number FTSH-105-01-F-DV-K or a similar type.

Pinlist for the 10 Pin connector:

| Pin | Signal | Description |
|-----|--------------|---|
| 1 | /BRKIN | Debugger break signal |
| 2 | /TRST | JTAG Signal |
| 3 | GND | Signal Ground |
| 4 | TCK | JTAG Signal |
| 5 | TMS | JTAG Signal |
| 6 | /BRKOUT | Debugger break signal |
| 7 | /PORST | ECU Reset signal |
| 8 | TDI | JTAG Signal |
| 9 | VDDP (SENSE) | Switched power supply of ECU (ignition) |
| 10 | TDO | JTAG Signal |

2.2 Pin Count for the Connectors



Figure 3: Pin Count ETK-Side Connector



Figure 4: Pin Count ECU-Side Connector

2.3 Measurement Drawing

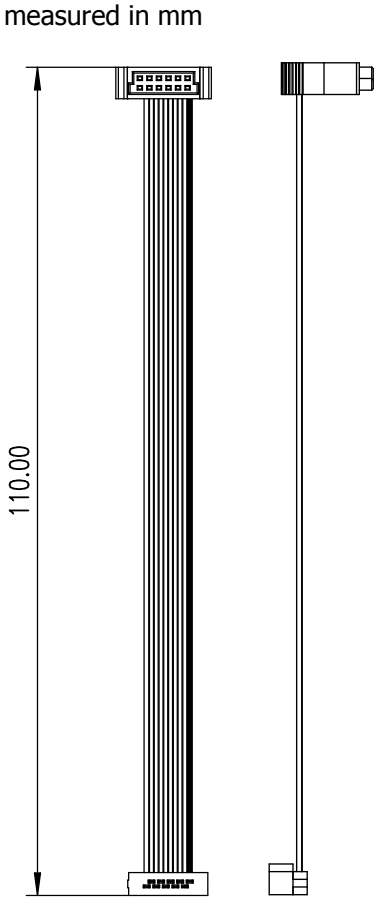


Figure 5: Measurement Drawing

3 **Ordering Information**

| Short Name | Order - Number |
|-------------------|-----------------------|
| ETAI1 | F 00K 105 542 |
| ETAI2 | F 00K 105 543 |
| ETAI3 | F 00K 105 544 |

4 ETAS Contact Addresses

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