

**ETAL5 R02\_EN**

ETK ECU Adapter, Erni - SAMTEC (50fc - 10fc), 0m1



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## 1 Introduction

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adapts ECU with an 10 pin SAMTEC connector to an ETK-S20 or ETK-S21. Supported is JTAG and DAP Interface. The adapter is passive, signals are routed single ended to the ETK.

### 1.1 View

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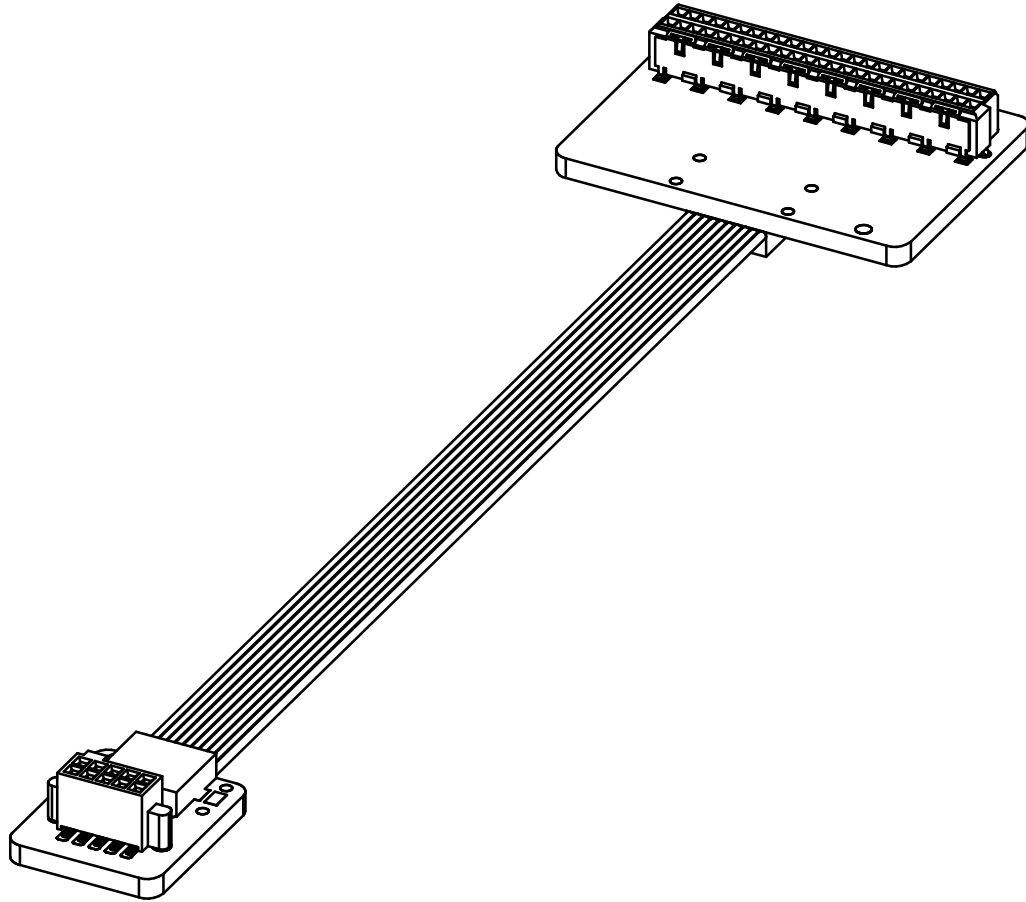


Figure 1: View

## 2 Technical Data

### 2.1 ECU Connector

In order to be able to use the ETK adapter ETAL5 in the ECU, a 10 pin SAMTEC connector (e.g. TFM-105-02-S-D-P) must be available on the ECU. JTAG or DAP mode depends on the used ETK.

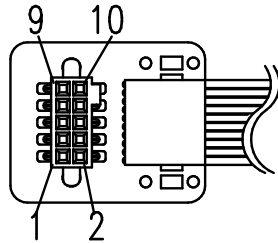


Figure 2: Pin Count

Pin Number	JTAG Mode	DAP Mode
1	GND	GND
2	TCK	DAP0
3	/TRST	/TRST
4	TDO	DAP2
5	TMS	DAP1
6	TDI	-
7	WDGDIS	WDGDIS
8	VDD (Sense)	VDD (Sense)
9	/RESETOUT	/RESETOUT
10	/PORESET	/PORESET

2.2 Measurement Drawings

Measured in mm

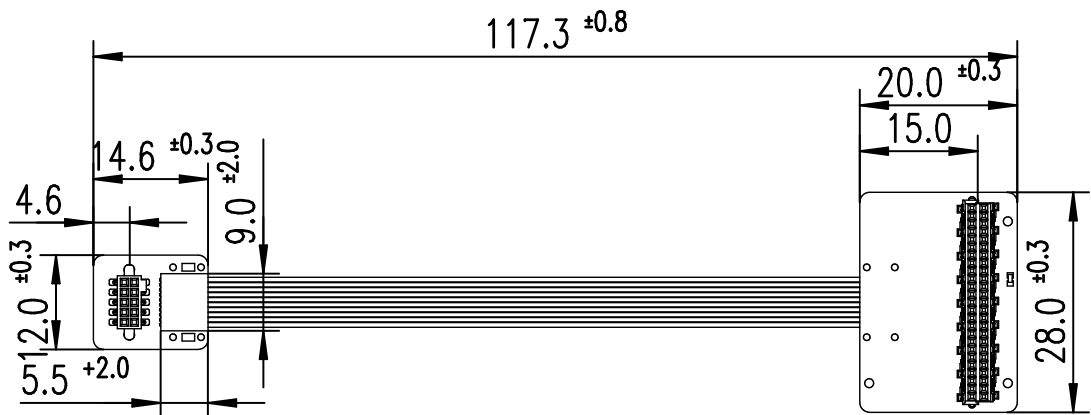


Figure 3: Bottom View



Figure 4: Side View

2.3 Temperature Range

Condition	Temperature
Operating Temperature	-40°C - +110°C

**3** **Ordering Information**

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<b>Short Name</b>	<b>Order - Number</b>
ETAL5	F 00K 109 414



**4 ETAS Contact Addresses**

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