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ETAL1

ETAL1 ETK ECU Adapter, Erni -  
SAMTEC (50fc - 10fc) , 0m136

Data Sheet

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Document ETAL1 R1.0.4 EN

# 1

## ETAL1

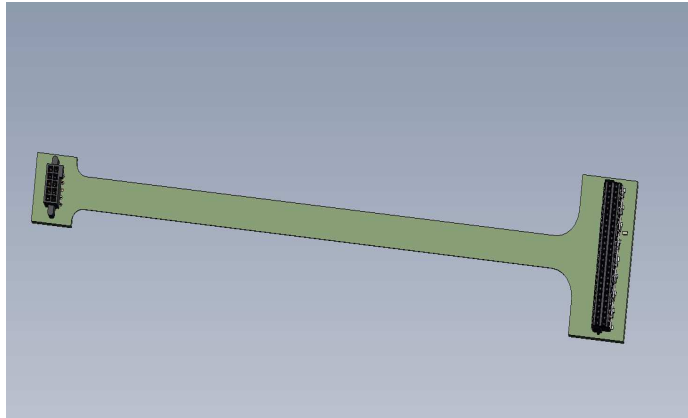
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adapts ECU with an 10 pin SAMTEC connector to an ETK-S20 or ETK-S21. Supported is JTAG and DAP Interface. The adapter is passive, signals are routed single ended to the ETK.

### 1.1

#### View

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**Fig. 1-1**

**note**

*minimum bending radius for the flex foil is 3mm.*



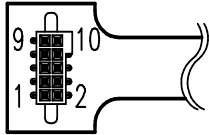
## 2 Technical Data

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### 2.1 ECU Connector

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In order to be able to use the ETK adapter ETAL1 in the ECU, a 10 pin SAMTEC connector (e.g. TFM-105-02-S-D-P) must be available on the ECU.

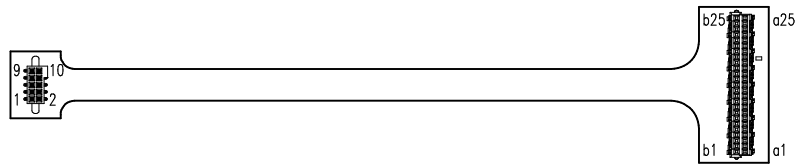


**Fig. 2-1** Pin Count (Top View Adapter)

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

## 2.2 Pin Count for the Connectors

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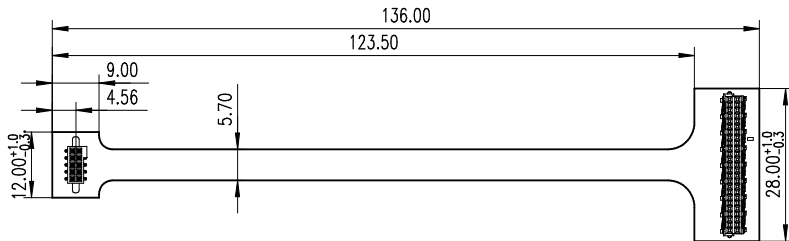


**Fig. 2-2** Pin Count Connectors

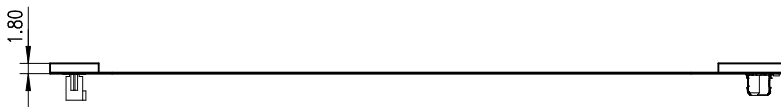
## 2.3 Measurement Drawing

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measured in mm



**Fig. 2-3** Top View



**Fig. 2-4** Side View

## 2.4 Temperature Range

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

## 4 **ETAS Contact Addresses**

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### *ETAS HQ*

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ETAS GmbH

Borsigstraße 14

70469 Stuttgart

Germany

Phone: +49 711 89661-0

Fax: +49 711 89661-105

WWW: [www.etas.com](http://www.etas.com)

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### 3 Ordering Information

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Type	Order-No
ETAL1	F 00K 107 679



