

ETAM1 R03_EN

ETAM1 XETK/FETK ECU Adapter, SAMTEC FFSD - SAMTEC SFM
(10fc - 10fc), 0m11

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1 Introduction

ETAM1 adapts ECU a 10 pin SAMTEC TFM-105 connector to an FETK and XETK.

1.1 View

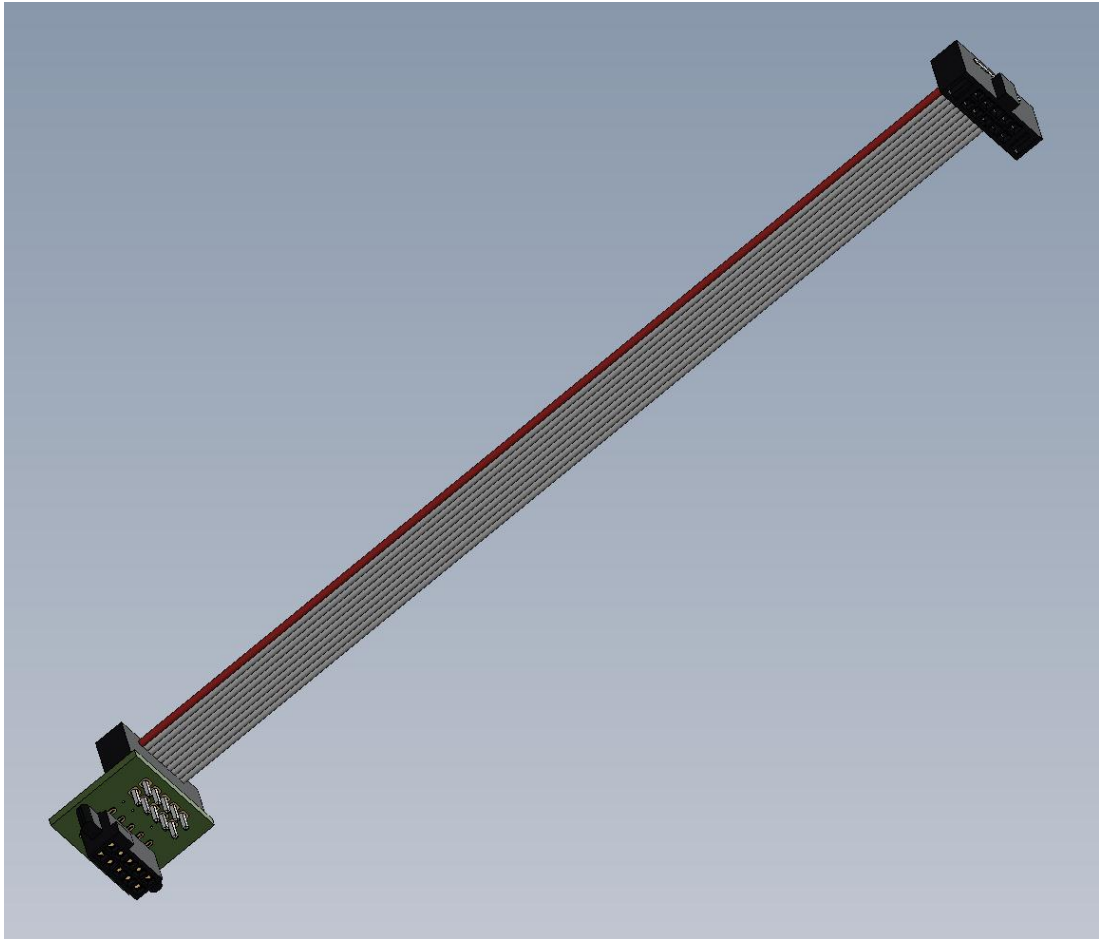


Figure 1: View

2 Technical Data

2.1 ECU Connector

In order to be able to use the ETK adapter ETAM1 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 FETK or XETK.

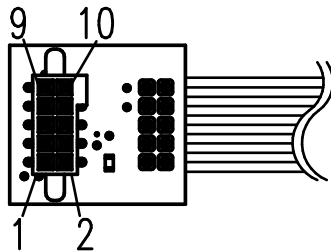


Figure 2: Pin Count

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

2.2 Measurement Drawings

Measured in mm

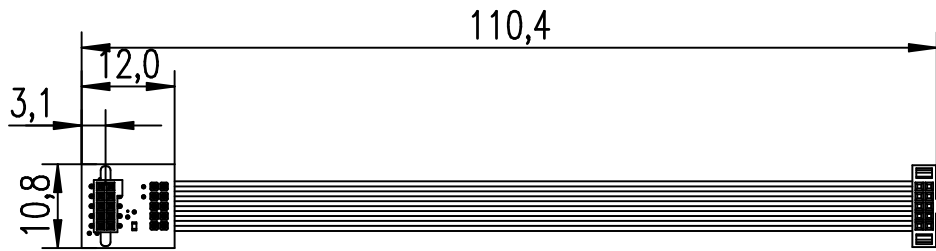


Figure 3: Bottom View

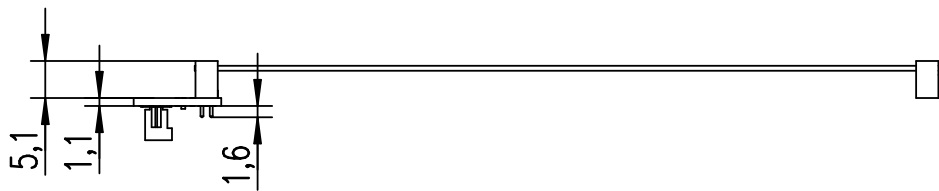


Figure 4: Side View

2.3 Temperature Range

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

3 **Ordering Information**

Short Name	Order - Number
ETAM1	F 00K 109 305

4 ETAS Contact Addresses

ETAS HQ

ETAS GmbH

Borsigstraße 14

70469 Stuttgart

Germany

Phone: +49 711 3423-0

Fax: +49 711 3423-2300

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