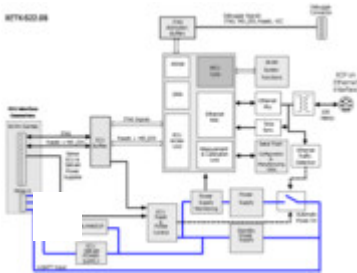
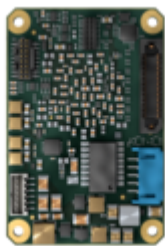


XETK-S22.0



CPU interface

Supported
processors

Renesas RH850 Family

For a complete list of supported microprocessors, please refer to the product's User's Guide.

Configuration

Project-specific configuration for memory configurations stored in EEPROM

Board

Dimensions
(HxWxD)

approx. 10.51 x 40 x 60 mm/0.414 x 1.575 x 2.362 in

Power supply

Input voltage

6 V to 36 V

Cranking voltage < 3 sec: 3 V

Input current at 12 V

approx. 130 mA normal operation

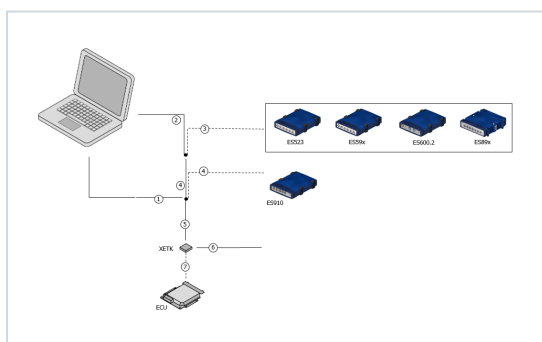
approx. 65 mA stand-by

Memory emulation

Emulation memory	Processor-specific
Measured data memory	Processor-specific
Host interface	
Serial interface	100 Mbit/s
	Double-shielded line, max. 30 m/100 ft
	Electrically isolated
Operation temperature	
Temperature range	-40 °C to +110 °C / -40 °F to +230 °F

This product has been developed and released for use in automotive applications. For usage in other domains please contact your ETAS representative.

Ordering Information



- 1 – Ethernet PC Connection
- 2 – Ethernet PC Connection - Adapter Cable
- 3 – Ethernet Connection - Adapter Cable
- 4 – Ethernet Connection
- 5 – XETK Connection
- 6 – Power Supply Connection
- 7 – ECU Connection

Order Name	Short Name	Order Number
XETK-S22.0		

XETK-S22.0B ECU interface for Renesas RH850 and V850 microcontroller families (including gap pad)

XETK-S22.0B

F-00K-110-949



XETK-S22.0D ECU interface for Renesas RH850 microcontroller families (including gap pad)

XETK-S22.0D

F-00K-110-950



Optional Accessories

1 – Ethernet PC Connection

Ethernet PC Connection Cable 1 Gbit/s, Lemo 1B FGE - RJ45 (10mc-8mc), 3 m

CBE200-3

F-00K-104-373



Ethernet PC Connection Cable 1 Gbit/s, Lemo 1B
FGE - RJ45 (10mc-8mc), 8 m

CBE200-8

F-00K-104-374



2 – Ethernet PC Connection - Adapter Cable (CBAE200)

Ethernet Connection Adapter Cable 1 GBit/s, Lemo
1B PHE - RJ45 (10fc- 8mc), 1m2

CBAE200-1m2

F-00K-105-760



3 – Ethernet Connection - Adapter Cable (CBAE330)

(ES523, ES59x, ES600.2, ES88x, ES89x)

Ethernet Connection Adapter Cable 1 GBit/s to 100
MBit/s, Lemo 1B PHE - Lemo 1B FGF (10fc-8mc),
0m5

CBAE330-0m5

F-00K-105-759



4 – Ethernet Connection

(ES523, ES59x, ES600.2, ES88x, ES89x, ES910)

Ethernet Connection Cable 1 GBit/s, Lemo 1B FGE -
Lemo 1B FGE (10mc- 10mc), 3 m

CBE230-3

F-00K-105-757



Ethernet Connection Cable 1 GBit/s, Lemo 1B FGE -
Lemo 1B FGE (10mc- 10mc), 8 m

CBE230-8

F-00K-105-758



5 – XETK Connection

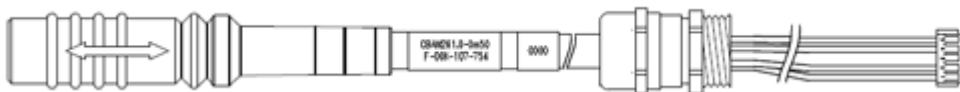
XETK ECU Adapter Cable, 100 Mbit/s, Shield on
ECU-Housing, Lemo 1B HME - JST PHR (10fc-5fc), CBAM230-0m38 F-00K-105-791
0m38



XETK ECU Adapter Cable, 100 MBit/s, Lemo 1B PHE
- JST PHR (10fc-5fc), 0m6 CBAM240-0m6 F-00K-105-792

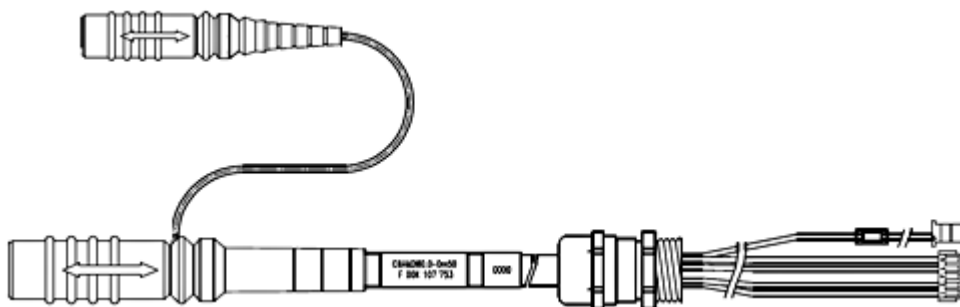


XETK ECU Adapter Cable, pre-assembled into PG9
screwing, shield on ECU- Housing, Lemo 1B PHE - CBAM271-0m5 F-00K-107-867
JST PHR (10fc-5fc), 0m50

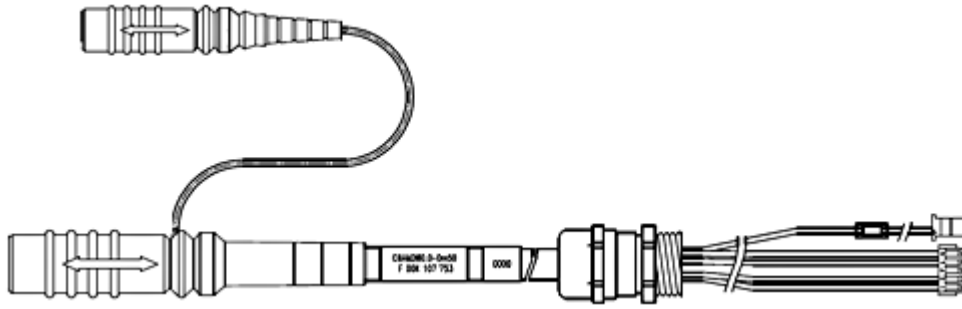


5&6 – XETK and Power Supply Connection

XETK ECU Adapter and Power Supply Cable, pre-
assembled into PG9 screwing, shield on ECU- CBAM270-0m5 F-00K-107-866
Housing, Lemo 1B PHE - JST PHR (10fc-5fc) / Lemo
0B PHG - JST PAP (2fc-2fc), 0m50



XETK ECU Adapter and Power Supply Cable, pre-
assembled into PG9 screwing, shield on ECU- CBAM270-0m7 F-00K-108-479
Housing, Lemo 1B PHE - JST PHR (10fc-5fc) / Lemo
0B PHG - JST PAP (2fc-2fc), 0m70



6 – Power Supply Connection

ETK Power Supply Cable for External Supply, with Filter Coil, Lemo 0B EGG - open wire (2fc-1c), 0m2

KA50

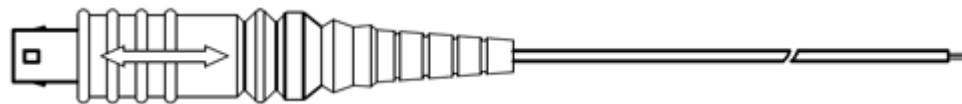
F-00K-000-940



External Power Supply Cable for ETKs, Lemo 0B - FG open wires (2fc-1c), 2 m

K70.1

F-00K-109-270



7 – ECU Connection

ETAM2 ETK ECU Adapter, MOLEX - open wires (6fc - 6c), 0m25

ETAM2

F-00K-109-306



ETAM5 FETK ECU Adapter, MOLEX - MOLEX (6fc - 5fc+1c), 0m136

ETAM5

F-00K-110-101



ETAM9 XETK/FETK ECU Adapter, MOLEX - MOLEX (6fc - 5fc), 0m136

ETAM9

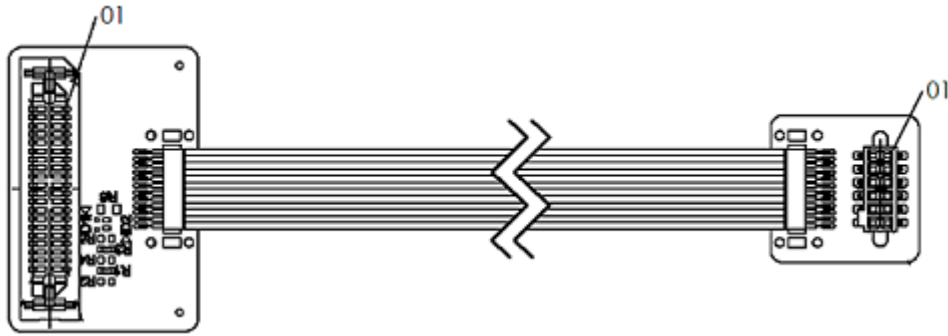
F-00K-111-043



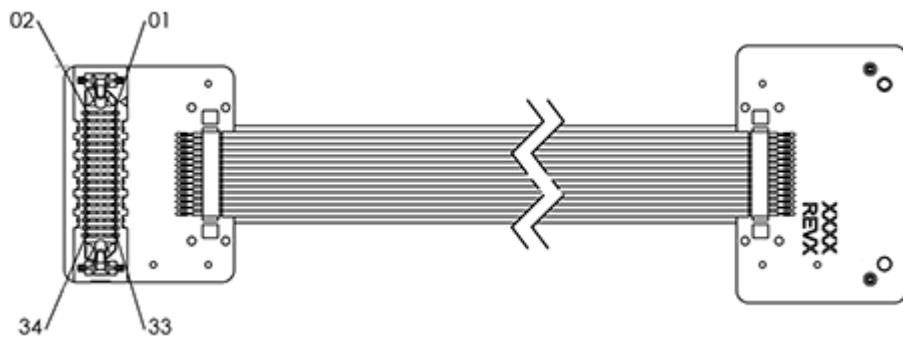
ETAN1 ETK ECU adapter, SAMTEC ERM - SAMTEC SFM (40mc - 12fc), 0m150 [Not suitable for use with ETKS_C3 (external housing)]

ETAN1

F-00K-110-951

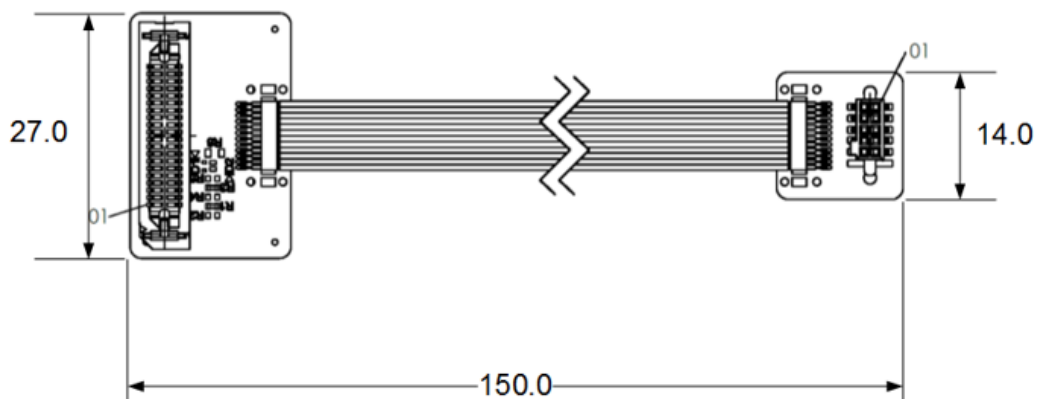


ETAN2A ETK ECU adapter, SAMTEC - SAMTEC (40fc - 34fc), 0m136 [Not suitable for use with ETAN2A F-00K-110-952 ETKS_C3 (external housing)]



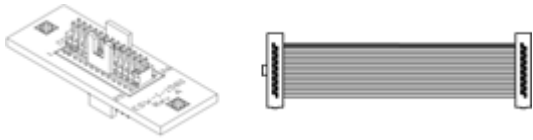
ETAN4A XETK ECU adapter for mounting in external housing, SAMTEC - SAMTEC (40fc - 12fc), ETAN4A F-00K-111-423 0m136

ETAN6A XETK ECU adapter for mounting in external housing with 10 pin ECU connector, ETAN6A F-00K-111-489 SAMTEC - SAMTEC (40fc - 10fc), 0m136



Debugger Connection

Debug Adapter from Debugger to XETK AS_ETAF13.0 F-00K-110-451



Mechanical Accessories

Gap Pad for heat dissipation as spare part for the XETK-S22

XETK-S22_GP

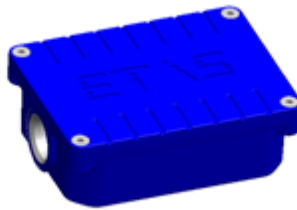
F-00K-111-041

Housing

Water-proof case, designed for ETK-S4.x, ETK-S6.x and ETK-S2x

ETKS_C3

F-00K-107-683



ECU Connection Protection Cap (for CBAM230, CBAM240)

Cap to protect open Lemo 1B sockets against dirt, cost effective

CAP_LEMO_1B_LC F-00K-105-683



Note: This list contains only a selection of available adapters. A comprehensive overview is available in the User Guide of each ETK.

