



STEVAL-SPIMD20V1

STEVAL-SPIMD20V1 demonstration kit based on the SPIMD20 integrated motor drive

Data brief

Features

- Complete with:
 - 2 kW shuttle module (SPIMD20)
 - connection board adapter
 - junction tower for mounting on motor
 - all required cables and connectors
 - software package
 - documentation
- RoHS compliant

Description

The STEVAL-SPIMD20V1 demonstration kit provides a complete demonstration platform for evaluating the functionality and the performance of the SPIMD20 power drive system designed by STMicroelectronics in cooperation with ROBOX S.p.A.

The SPIMD20 is an integrated motor drive with real-time connectivity enabling brushless motor manufacturers to create a proprietary motion control system based on a general purpose brick.



1 Connector diagrams

Figure 1. AS3036.001 junction tower layout

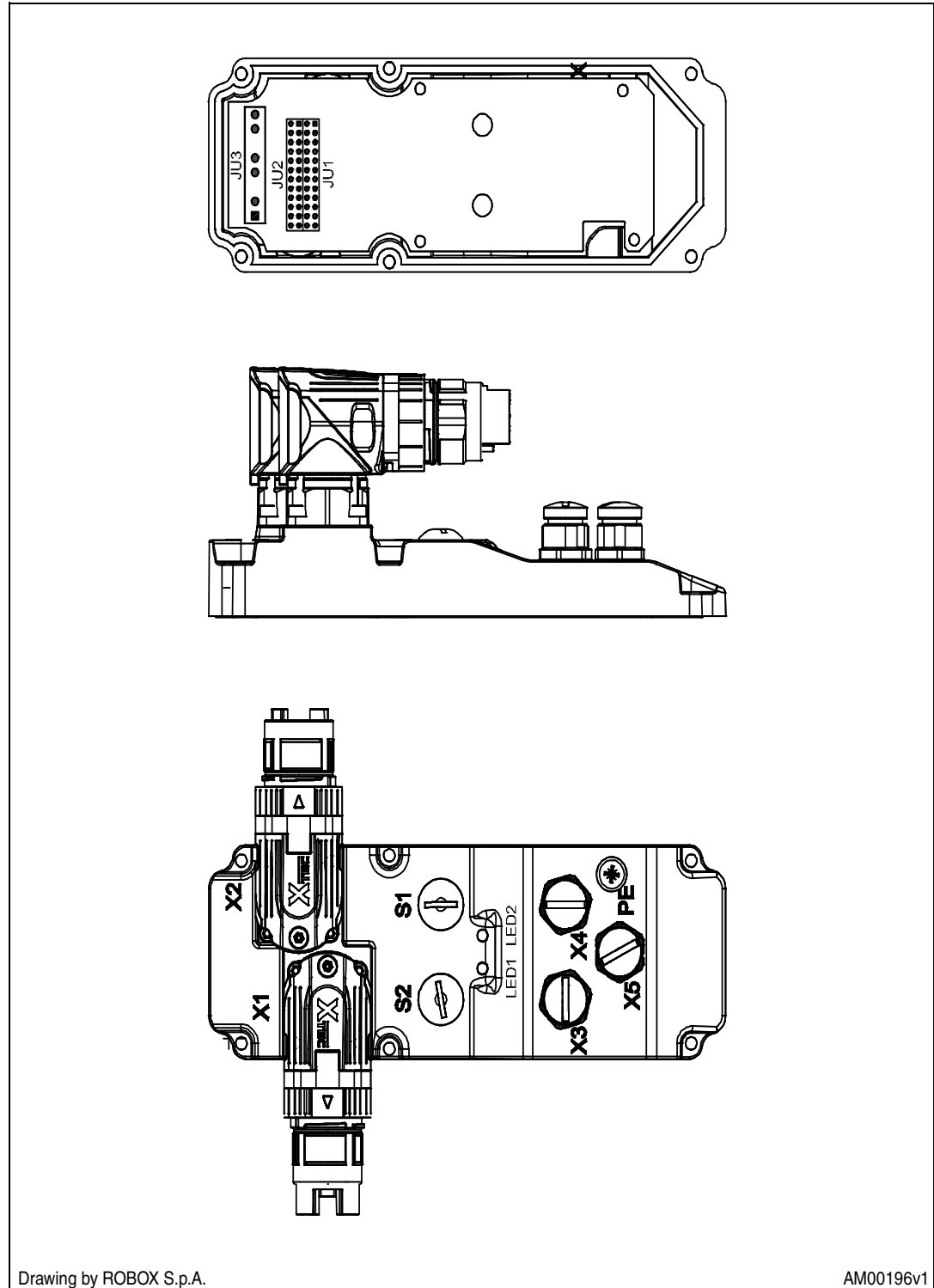


Figure 2. AS3036.001 junction tower mounting diagram

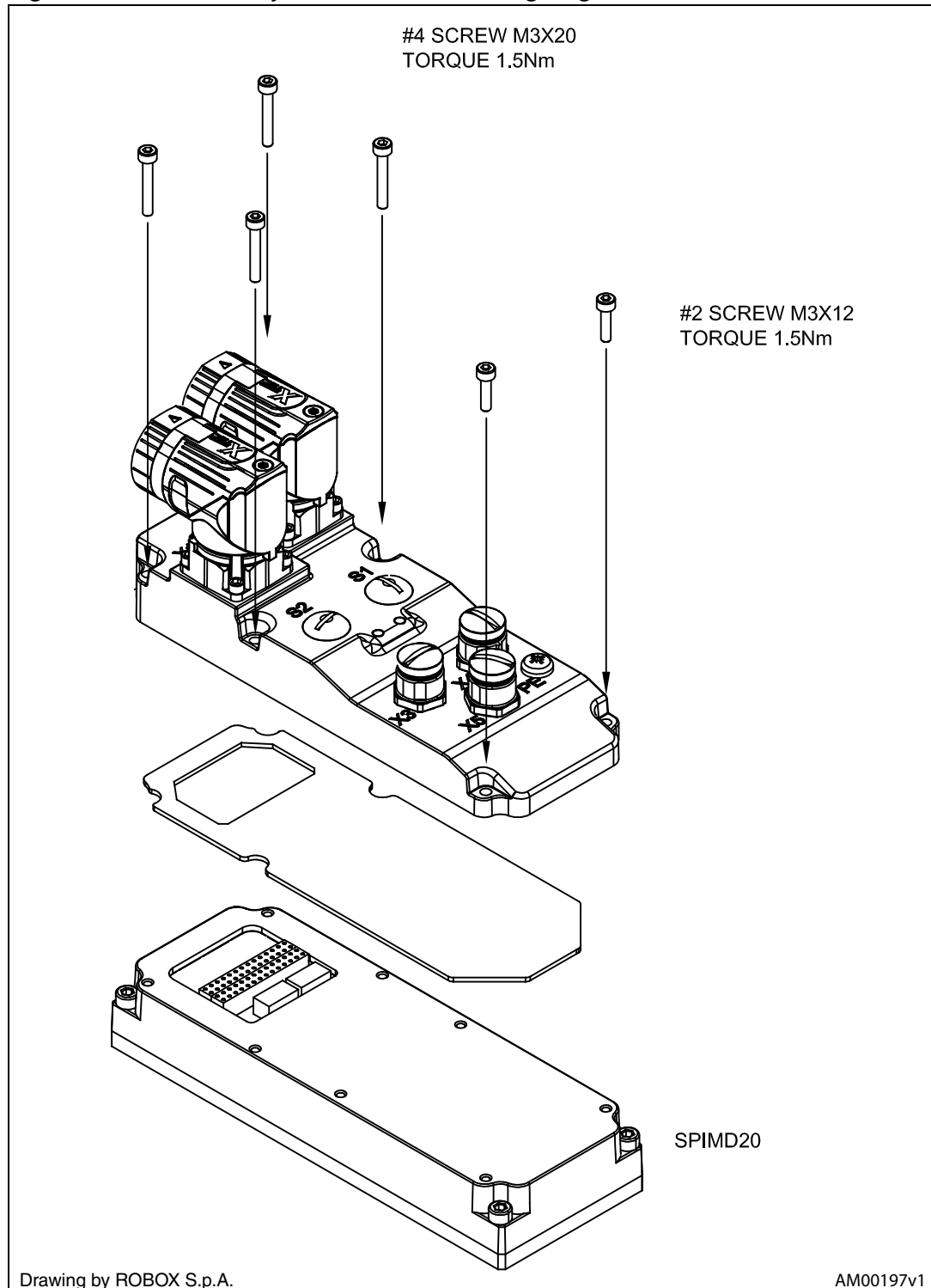
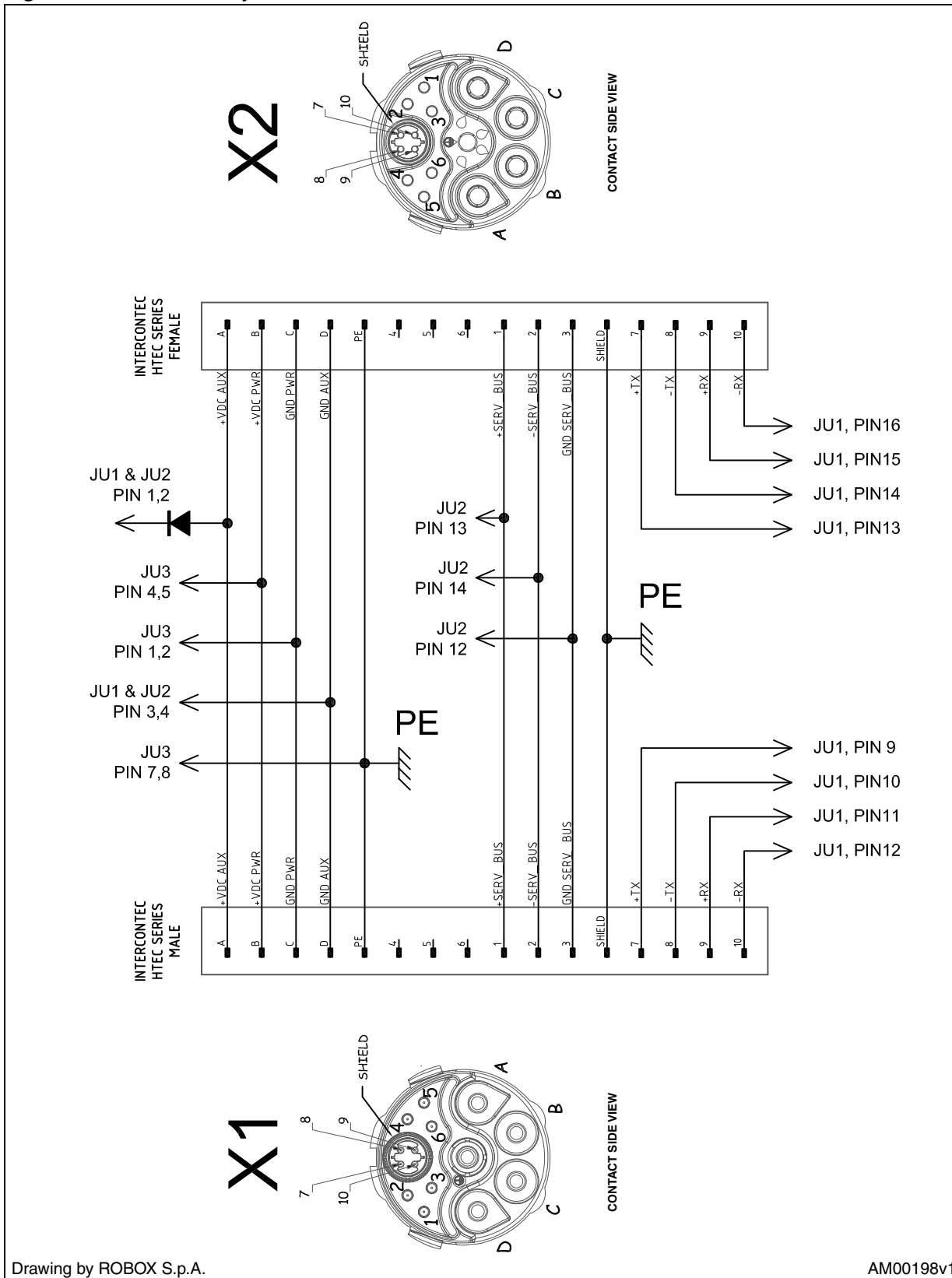


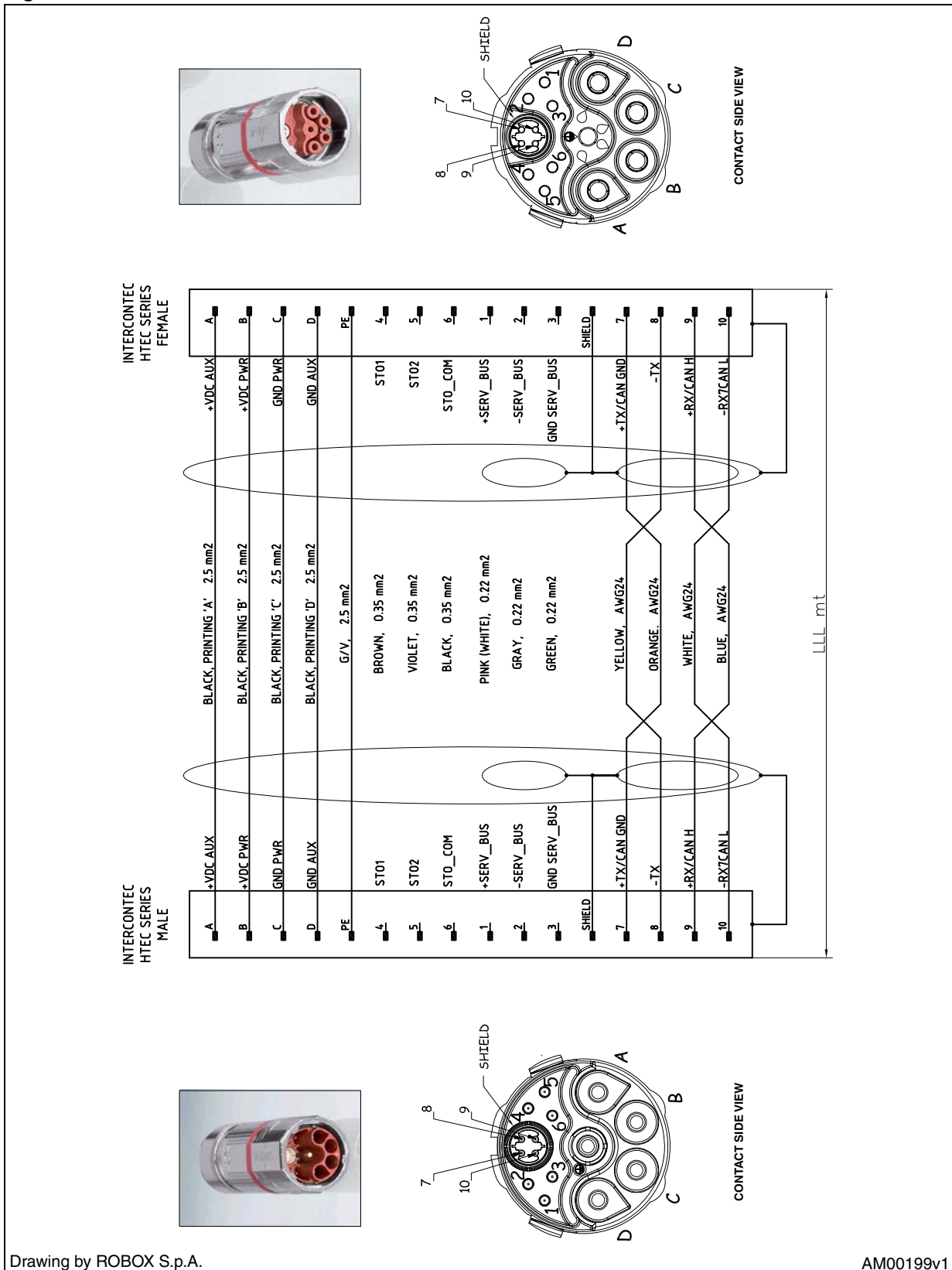
Figure 3. AS3036.001 junction tower connector



Drawing by ROBOX S.p.A.

AM00198v1

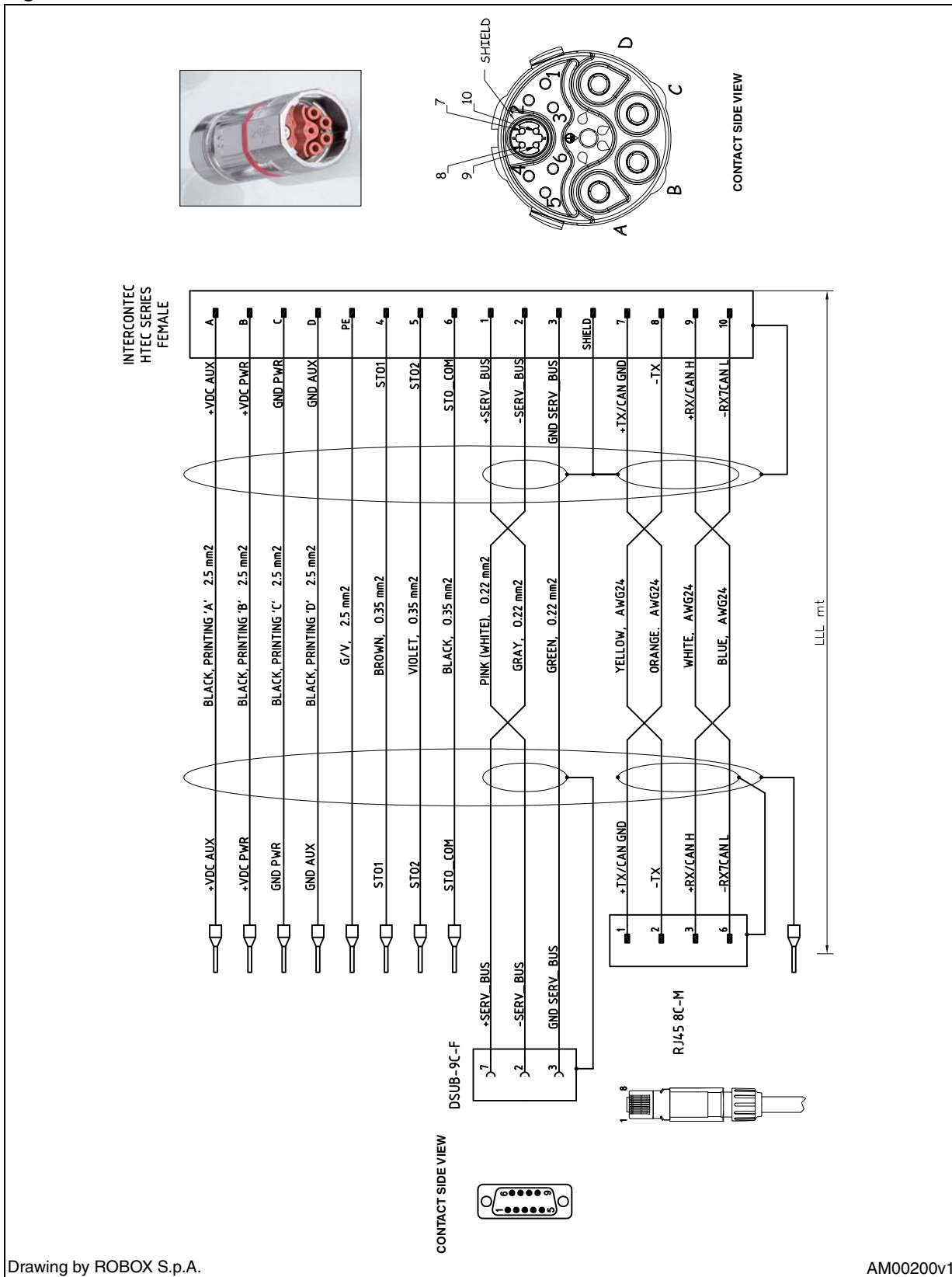
Figure 4. CAVO1SPIMD/2.5 connector



Drawing by ROBOX S.p.A.

AM00199v1

Figure 5. CAVO2SPIMD/2.5/2 connector



Drawing by ROBOX S.p.A.

AM00200v1

Figure 6. CAVO1SPIMD terminal

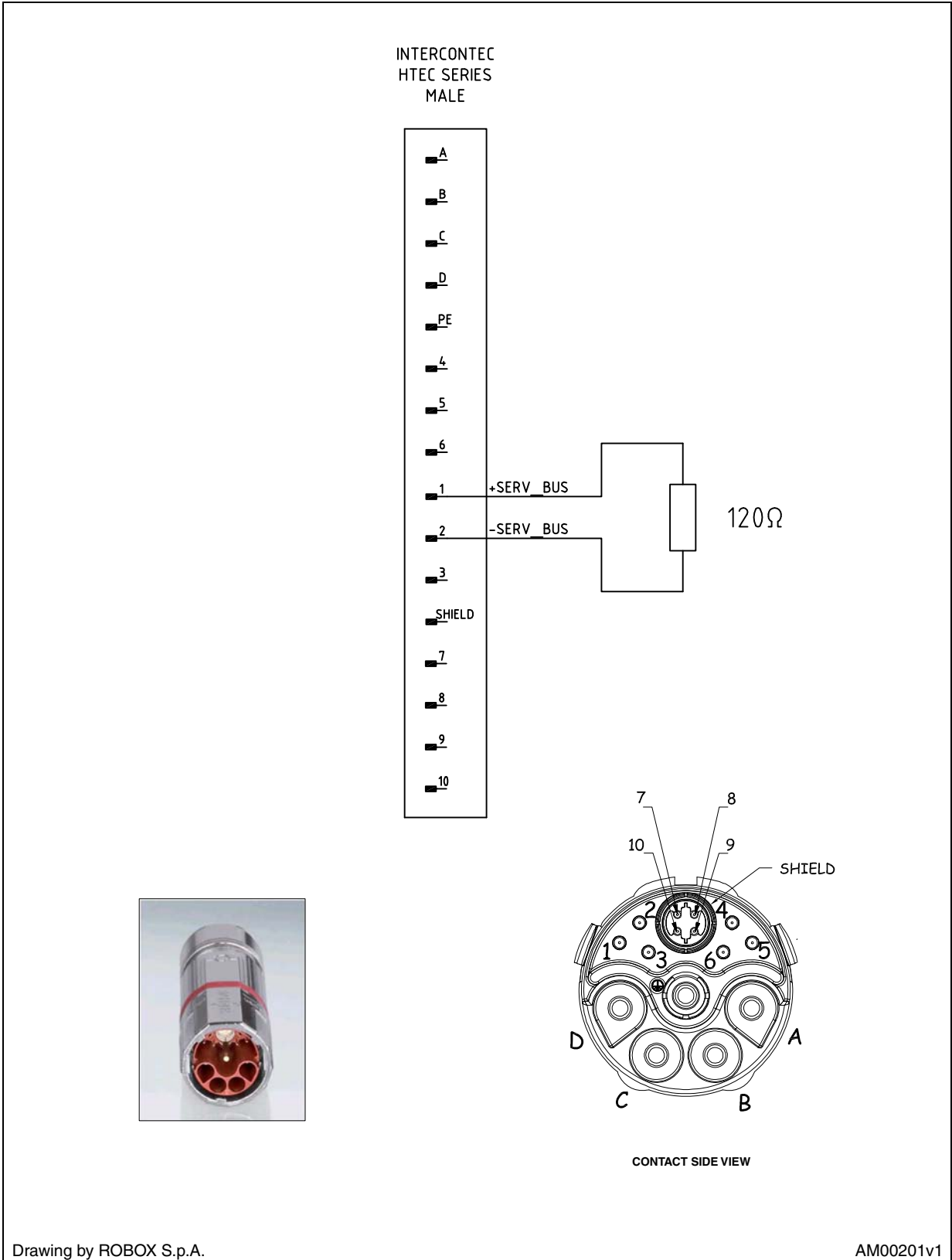
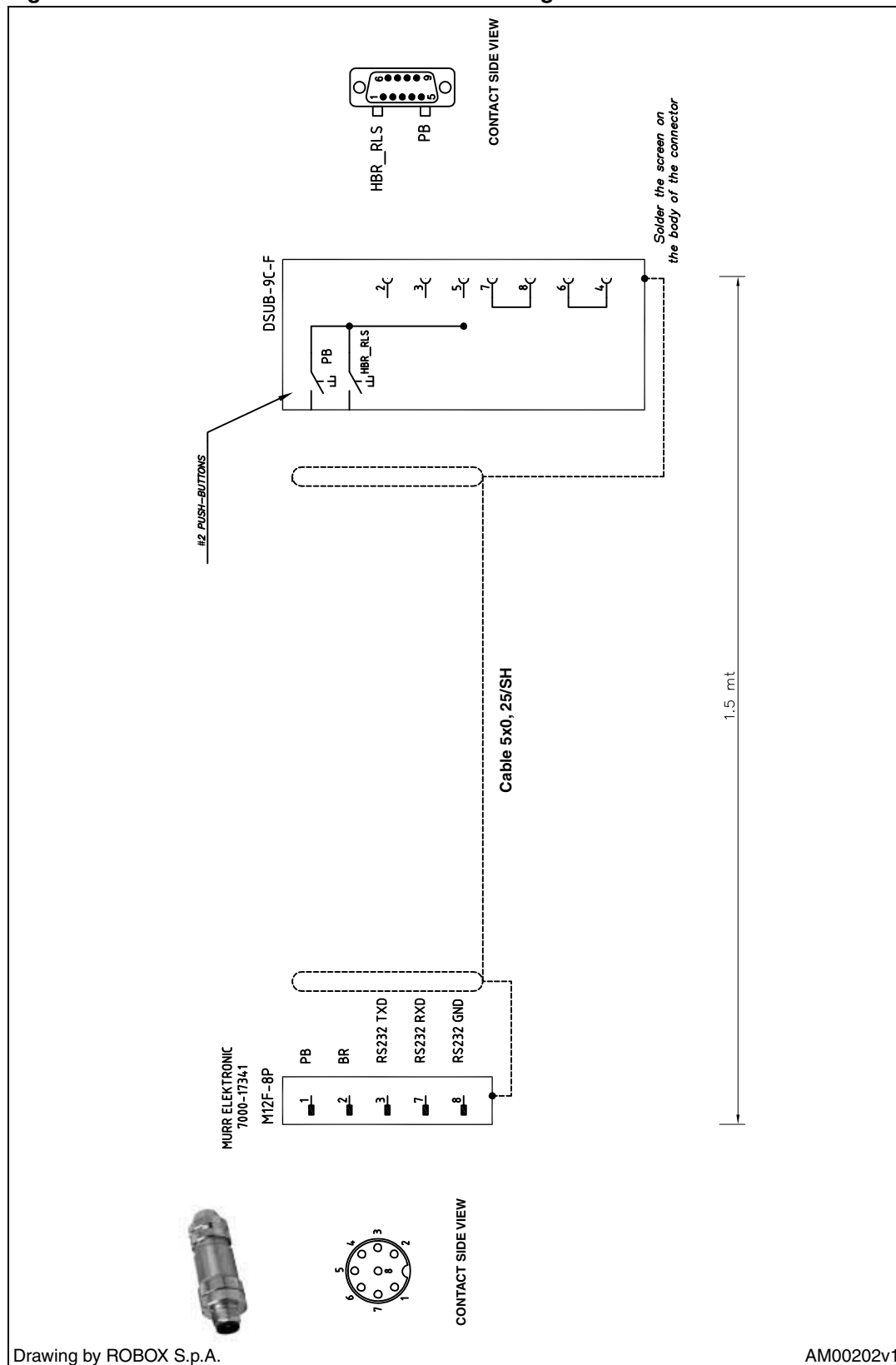


Figure 7. CAVO1SPIMD/RS232/1.5 connector diagram



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
21-Dec-2011	1	Initial release.

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