

**S-CAN 3D Ltd.**

Unit 10b  
Bunn's Bank Ind Est,  
Attleborough  
Norfolk  
UK  
NR17 1QD

Tel +44 (0)1953 857800  
Email [info@atpowerthrottles.com](mailto:info@atpowerthrottles.com)  
Web [www.atpower.com](http://www.atpower.com)



## Motorsport Electronics Plug-In Looms

DATASHEET REV001 12.25

**(This document is REFERENCE ONLY. If in doubt refer to Motorsport Electronics)**

To help you work out if the Motorsport Electronics loom is right for you, the below details the loom connectors which you can cross reference with your current ones. Note in some cases they may differ, and, when that happens, you can simply cut the plugs off and use the plugs from your OEM loom.

### **Vauxhall C20XE Plug-In (ME221 P/N 512-102-00005/ME442 P/N 512-102-00011)**

This loom mainly consists of 2,3 and 4 pin MINI-TIMER connectors. They are shown below:



The connections provided in our VAUXHALL loom are:

- 4x 2 Pin Mini-Timer for the injectors
- 1x 2 Pin Mini-Timer for cam sensor
- 1x 3 Pin Mini-Timer VR Type crank sensor
- 1x 2 Pin Mini-Timer for idle control valve (Depending on location as it can differ by year you may need to extend this)
- 1x 2 Pin Mini-Timer for IAT and coolant sensor (Note may need to extend, depending on the engine type)
- 1x 4 Pin Mini-Timer coil pack connector
- 1x 3 Pin Mini-Timer for throttle sensor
- 1x 3 Pin Mini-Timer MAP sensor (suits our 3 Bar sensor)
- Auxiliary flying wires for spare outputs, tachometer, knock and O2/Lambda

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