



## Industry-standard component libraries for routed systems designers

Start designing straight away with industry-standard electrical component libraries for Creo™ Schematics and Routed Systems Designer™

### Component Libraries

Virtual Interconnect's SmartParts Component Libraries are industry-standard parts libraries specially designed to get you started on Creo™ Schematics and Creo™ Cabling straight away. Libraries are available for designers of military and aerospace electronics, specialist vehicles and industrial equipment. Simply choose the library that meets your needs, download and get started.

### Benefits

A library of 200 components can take an engineer 40 weeks to generate: 40 weeks ensuring design compliance, 40 weeks modelling parts and not harnesses, 40 weeks spent on non value-added repetitive tasks. SmartParts will save you time and money, free up resources, ensure your implementation goes smoothly and guarantees your components will meet industry-approved standards.

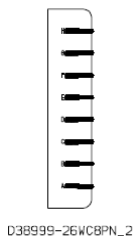
### SmartPart Features:

- Fully validated with RSD and Pro/CABLING™
- Fully validated with Creo™ Schematics and Creo™ Cabling
- Electrical symbols modelled to EN60617 or IEEE315-1975/ANSI Y32.2-1975
- Data tables with all mandatory properties
- RSD global properties file
- Physical geometry Wildfire® 4.0 and 5.0
- Available in mm or inches

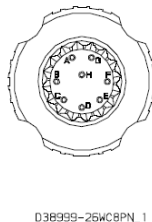
### What is a SmartPart?

Each SmartPart includes everything required to get started designing:

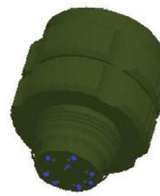
#### Schematic Symbol



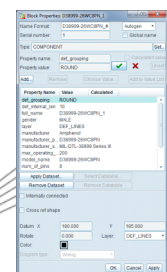
#### Wiring Symbol



#### 3D Model



#### Data Table





### Libraries for Your Needs

SmartPart Libraries come in three market sector options: Industrial, Specialist Vehicles and Military and Aerospace. As well as the SmartPart components, each library includes hundreds of suitable cables and wires and four drawing templates. The table below gives more details:

Library	Description	Number of Components	Number of Cables and Wires
Industrial	Electrical components for complex industrial machinery	212	310
Specialist Vehicle	Electrical components for designing trucks, tractors and other automobiles	216	302
Military and Aerospace	Components approved for military and aerospace applications	137	3438

### Maintenance

Our maintenance contract ensures your library is kept up-to-date, includes free upgrades and offers the ability to request up to 10 free additional parts per year, whenever you need them.

### How to buy

Visit our web shop

[www.virtual-interconnect-shop.com](http://www.virtual-interconnect-shop.com) or contact us to discuss your requirements.

### Customisation

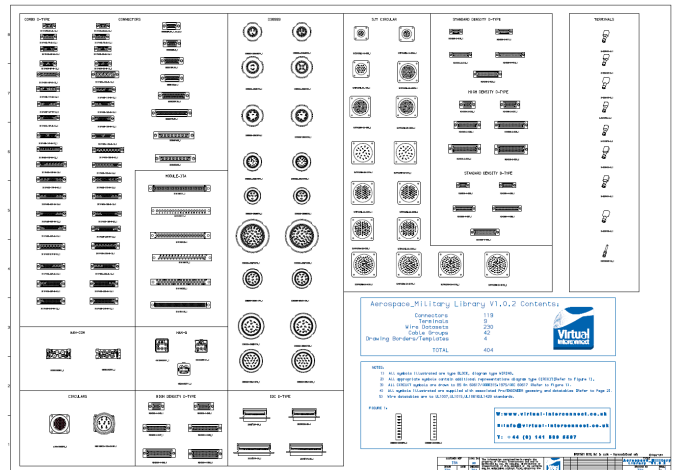
If our standard libraries don't quite meet your needs, talk to us about customisation.

### Legacy Libraries

If you already have 3D geometry or 2D electrical symbol libraries, there is no need to start again. Contact us; we can help you convert them into RSD, Pro/CABLING™ or Creo™ equivalents.

### Find out more

Contact us to talk about your specific needs or visit our web shop [www.virtual-interconnect-shop.com](http://www.virtual-interconnect-shop.com) to download free samples, data sheets and complete inventories for each library.



All the above Wiring Components are included in the Military and Aerospace Library



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Leading the way in routed systems

