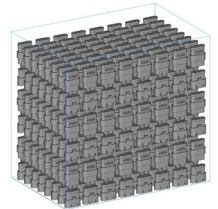




# Electrical Connector

This electrical connector was 3D printed on an H350™ 3D printer leveraging SAF™ technology using High Yield PA11 powder. PA11 provides excellent mechanical properties, with high elongation at break (EaB) allowing for a robust and reliable clip. The clip is a robust structure that cannot accidentally disengage whilst in use. The male to female interface has been designed with a poka-yoke locating function to ensure the connector fits together correctly, every time. The orientation of print has been specifically chosen to ensure the accuracy and circularity of the 5 shafts and the connector mating structures. Printing all parts in the same orientation increases the repeatability of parts and also keeps nesting simple.



# Electrical Connector

<b>System</b>	H350™ 3D printer
<b>Technology</b>	SAF technology
<b>Material</b>	High Yield PA11
<b>Printed layer time*</b>	7hrs 57mins (for 192 connectors)
<b>Volume of material used per part</b>	16.8cm <sup>3</sup> (1.03in <sup>3</sup> )

\* Printed layer time is an approximation of the time taken to print the layers that form the parts in the build only.

ISO 9001:2015 Certified

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