



# Rivelin Robotics Connector

Rivelin Robotics used SAF® technology to build a connector that is basically an electrical “plug” which enables a tool changer to pass data and power to the tool on the other end.

Using the H350® 3D printer, the connector was printed with SAF™ PA12 material which allows for precise and stiff parts in the complex geometry needed. In addition to the printed connector housing, a separate complex printed cable strain relief was added to the housing to protect the components during operation.

System	H350® 3D Printer
Material	SAF™ PA12
Material Used	1.1 in <sup>3</sup> (18 cm <sup>3</sup> ) each set
Nesting Density	21.5% - 100 part sets (300 total pieces)