

# Press-Fit

Our Press-Fit interconnect solutions provide an excellent solder-free alternative for creating robust electro-mechanical connections that are customizable, automation friendly and have proven reliable with billions of deployments in the field.

## CERTIFIED RELIABLE



Press-Fit compliant interconnects are certified to IEC 60352-5, IPC9797 and have been tested to meet the most stringent automotive standards.

## CUSTOMIZABLE



Available in a wide range of sizes, materials and plating finishes, our Press-Fit products can also be customized to virtually any application.

## SOLDERLESS CONNECTION



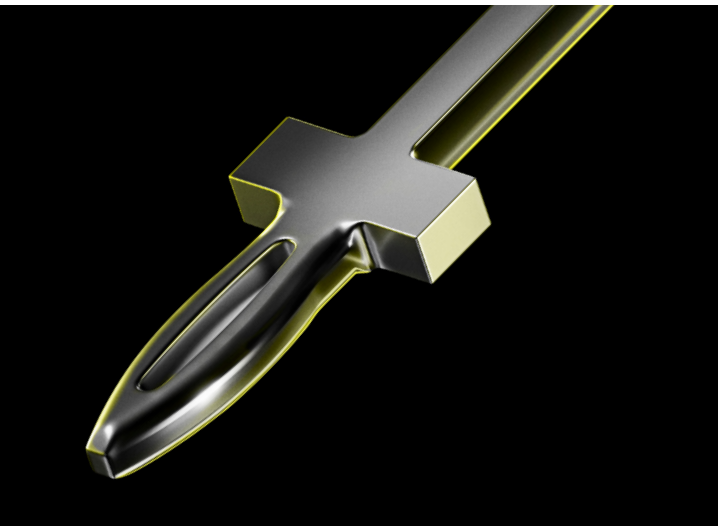
With the ability to accommodate thermal expansion mismatches, Press-Fit eliminates the risk of breakage and failures inherent to solder joints.

## APPLICATIONS

- + Direct insert terminals for:
  - o Body control modules, Power distribution centers, Door & window switch modules, Rear view mirrors
- + Customized connectors:
  - o Header connectors for small control modules, Switch assemblies, Board-to-board stacking, Wire-to-board connections
- + Custom molded modules:
  - o Control modules, Sensors, Actuator controls
- + Power lead frames

## PRESS-FIT TECHNOLOGY

- + Compliant **high normal force** technology: accommodates coefficient of thermal expansion mismatch.
- + Option for IndiCoat™, a tin-free whisker mitigation plating developed by ENNOVI.



## PRODUCT TYPES

PRODUCT FAMILY	PRESS-FIT TYPE	PICTURE	FINISHED PCB HOLE DIAMETER (MM)	INSERTION FORCE <sup>1</sup>	PUSH-OUT FORCE <sup>1,2</sup>
Mini	0.4 miniPLX		Ø0.55 - 0.65	≤ 100 N	≥ 15 N
Mini	0.4 miniEON		Ø0.55 - 0.65	≤ 70 N	≥ 15 N
Signal	0.4 EON		Ø0.74 - 0.83	≤ 70 N	≥ 15 N
Signal	0.64 EON		Ø1.0 - 1.1	≤ 100 N	≥ 30 N
Power	0.8 EON		Ø1.45 - 1.55	≤ 180 N	≥ 60 N
High Power	1.2 EON		Ø2.0 - 2.1	≤ 180 N	≥ 60 N

# ENNOVI™