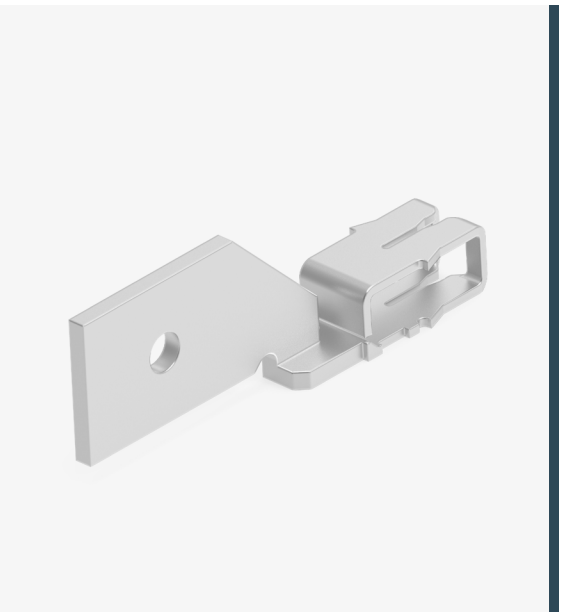


ALUMINUM MAGNET WIRE MAG-MATE TERMINALS WITH FASTON TAB INTERFACE

INSULATION DISPLACEMENT CONTACT (IDC) TERMINAL FOR LOW-COST, RELIABLE MAGNET WIRE CONNECTIONS

MAG-MATE terminals for aluminum magnet wire were developed to support the growing adoption of aluminum as a light-weight and low-cost alternative to copper magnet wire. They feature a double insulation displacement contact (IDC) slot that supports high throughput termination of aluminum or copper magnet wire without wire preparation, welding or soldering. The IDC slot provides multiple contact points for connection reliability and accommodates up to 2 magnet wires. To connect with input wire, the terminals feature the commonly used 250 series FASTON tab interface, allowing application across a variety of industries.

ELECTRICAL (POWER / SIGNAL)

- Max Rated Current
  - Aluminum: 9.5A (0.72mm wire)
  - Copper: 12.5A (0.64mm wire)
- Wire sizes (mm)
  - Aluminum: 0.45-0.72
  - Copper: 0.45-0.64

MATERIALS

- Brass plated tin

STANDARDS

- EIA-364

ADDITIONAL RESOURCES

- Product Specification: 108-2012
- Application Specification: 114-2046
- MAG-MATE Terminals Product Page

KEY FEATURES

- IDC termination of magnet wire without wire preparation, welding or soldering
- Compatibility with both aluminum and copper magnet wire
- Multi-point contact helps ensure a reliable electrical connection
- FASTON tab terminal interface seamlessly integrates into a wide range of applications
- Terminals support up to 2 magnet wires per IDC slot to help simplify electrical designs

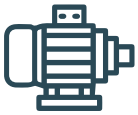
APPLICATIONS

Dishwasher

Automotion and Control

HVAC Equipment

Washer and Dryer



Motors

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PARTS

Al Wire Size (mm)	Copper Wire Size (mm)	Part Number
0.57-0.72	0.45-0.64	2825663-3
0.45-0.51*	-	2232555-3

*IDC slot supports single or double wire

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