

## Introducing AMPLIVAR Terminal with 250 Series FASTON Flag Receptacle

TE Connectivity (TE) has extended its innovative line of AMPLIVAR contact to include AMPLIVAR Terminal with 250 Series FASTON Flag Receptacle - This is a combination of AMPLIVAR serrations for fast solderless magnet wire termination and FASTON flag receptacle (250 series) for quick and simple connection to any assembly. This special design is suitable for any magnet wire coil assembly such as motors, pumps, fans, compressors, etc. This new product offers many advantages from financial impacts such as labour reduction, productivity increase, material savings to product improvements that comes with higher quality and energy efficient termination.

### KEY FEATURES

- Contact is available for copper and/or aluminium magnet wire
- Excellent tensile strength for anti-vibration leads to compact connection with wires
- High termination rates lead to higher quality using a statistical process controlled termination process
- Able to get the crimp up to two magnet wires together
- Two TE products AMPLIVAR terminal and FASTON flag receptacle form a typical design combination for fast termination

### APPLICATIONS

- Motor windings
- Coil connections
- Solid wire connections
- Transformers
- Power supplies

### MATERIALS

- Contact - copper alloy, tin plated

### MECHANICAL

- Operating temperature: - 40°to 105°C
- Thermal shock: 25 cycles

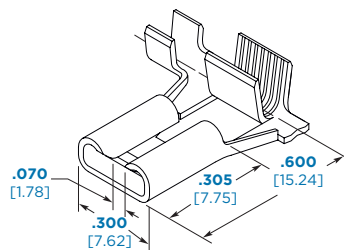
### ELECTRICAL

- Current: according to connected wire size (for detail to see figure 4 of 108 spec.)
- Withstanding voltage: 240 VAC

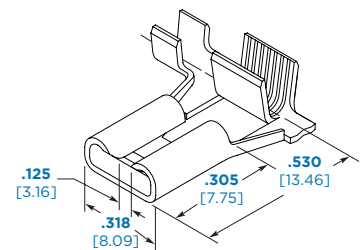
### STANDARDS AND SPECIFICATIONS

- UL310
- TE standard application specification: 114-2152
- TE standard design objectives: 108-2086

### PRODUCT DIMENSIONS



Part Number: 63944-1



Part Number: 1742881-1/1742882-1

### PRODUCT OFFERING

Part Number	Magnet Wire Range		Insulation Diameter	Mating Tab Thickness	Wire No.	Applicator No.
	CMA	Diameter mm				
63944-1	2581-6529	1.3-2.0	3.05-4.32[0.12-0.17]	0.81±0.025[0.032±0.001]	Single Wire	680421-3
1742881-1	500-1900	0.6-1.1	2.54-3.05[0.10-0.12]	0.81±0.025[0.032±0.001]	Single Wire	1855633-1
1742882-1	1000-2700	(0.6+0.6)-(1.0+0.85)	2.54-3.05[0.10-0.12]	0.81±0.025[0.032±0.001]	Two Wires	1855634-1

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