

TECHNICAL DATA

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SOLBOND F155 ROUND - Self-Bonding Enamelled Copper Wire

DESCRIPTION

Solbond F155 wires are designed to bond together turn to turn without the need of impregnating varnishes and resins.

As well as having a bond coat, Solbond F155 wires are directly solderable without having to remove the enamel.

Solbond F155 wires are easily bonded with heat in the production process, resulting in coils of high bond strength, as well as increasing productivity of the production line.

APPLICATIONS

Stators and rotors of micro-motors, TV/monitor deflection yokes, solenoid coils, loud-speaker coils.

PROPERTIES

Temperature class	155°C
Enamel - Base coat	Polyurethane
Enamel - Bond coat	Modified Butyral or Aliphatic Polyamide
Diameters	0.150 - 2.000mm
Grades	G-1B, G-2B
Colours	Natural
Bonding temperature	140/170°C
Re-softening temperature	120/155°C
Breakdown voltage	1.5 x IEC value
Heat shock	> 175°C
Solderability	390°C for 4 seconds
Cut through	≥ 220°C
Chemical resistance	Good
Methods of test	IEC 60851
Standards (Enamel)	IEC 60317-35 ANSI type MW 3C
Standards (Packaging)	IEC 60264