

180 Polyurethane Overcoated with Polyamide Round Copper Wire for Solderable Applications

Table 1 Specifications

Insulation materials	The conductor shall be coated with a dual film. The underlying insulation is based on polyurethane resins. The superimposed coating is based on polyamide resins.
Thermal Class	180
Diameter	single:14-44AWG minimum increase: 0.005mm-0.041mm maximum overall: 0.061mm-1.692mm heavy: 14-44AWG minimum increase: 0.010mm-0.081mm maximum overall: 0.066mm-1.732mm triple: 25-44 AWG minimum increase: 0.015mm-0.069mm maximum overall: 0.074mm-0.538mm
Certificate	MW-83C

Table 2 Properties

Elongation	Not less than 5%
Springback	Not greater than 76°
Dielectric Breakdown	14-23.5 AWG: not less than 2470V 24-37 AWG: not less than 1220V 38-44 AWG: not less than 275V

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