

Class 180 Polyurethane Round Copper Wire for Solderable Applications

Table 1 Specifications

Insulation materials	The coating is based on polyurethane resins
Thermal Class	180
Diameter	<p>single:25-56AWG</p> <p>minimum increase: 0.0013mm-0.023mm</p> <p>maximum overall: 0.0165mm-0.493mm</p> <p>heavy: 25-50AWG</p> <p>minimum increase: 0.0051mm-0.046mm</p> <p>maximum overall: 0.0356mm-0.516mm</p> <p>triple: 30-44 AWG</p> <p>minimum increase: 0.015mm-0.051mm</p> <p>maximum overall: 0.074mm-0.320mm</p>
Certificate	MW-82C

Table 2 Properties

Adherence And Flexibility	No cracks visible in the film coating
Heat Shock	No cracks visible in the film coating after 10% elongation followed by conditioning at 240°C
Dielectric Breakdown	Applicable to Heavy film-insulated sizes having a thickness of less than 1.25 mm or a width greater than 12.5 mm, or a width-to- thickness ratio greater than 5:1, and all Quad.

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