



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Part Number: 8057

Magnet Wire, (1) 34 AWG Solid BC, PUR-NYL

[Request Sample](#)

Product Description

One 34 AWG solid bare copper conductor, polyurethane/nylon insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|------------------|-------------------|
| 34 | Solid | BC - Bare Copper | 1 |

| | |
|------------------|--------|
| Conductor Count: | 1 |
| Conductor Size: | 34 AWG |

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------------|------------------|------------------------|
| PUR/Nylon - Polyurethane/Nylon | 0.0072 in | 0.001 in |

Outer Jacket Material

| Material | Max. Diameter |
|-----------|---------------|
| No Jacket | 0.0072 mm |

Construction and Dimensions

| | |
|---------------------|----------|
| Min Increase in OD: | 0.001 in |
|---------------------|----------|

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR | |
|-----------------------|------------|
| 261.3 Ohm/1000ft | |
| Shielding: | Unshielded |

Current

| Max. Recommended Current [A] |
|------------------------------|
| .057 A |

Voltage

| Breakdown Voltage |
|--|
| 1350 volts minimum at room temperature |

Temperature Range

| | |
|---------------------|-------|
| Non-UL Temp Rating: | 130°C |
|---------------------|-------|

Mechanical Characteristics

| | |
|------------------------|-----------------|
| Approximate Length: | 4060 ft |
| Turns Per Linear Inch: | 144 |
| Turns Per Square Inch: | 20736 |
| Bulk Cable Weight: | 0.12 lbs/1000ft |

Standards

| | |
|-------------------------|----------------------|
| UL AWM Style: | N/A |
| Military Specification: | J-W-1177/9 |
| Other Specification: | NEMA-MW28-C (Single) |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU: | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----|
| UL voltage rating: | N/A |
|--------------------|-----|

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

| Item # | Color |
|--------|-------|
| 8057 | None |

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