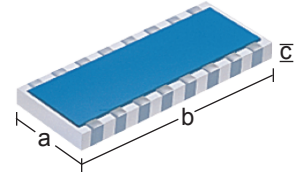


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MIL-PRF-914 Surface Mount Resistor Network

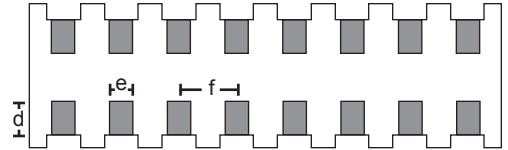
/05 Solderable Semi-precision Thick Film



Performance

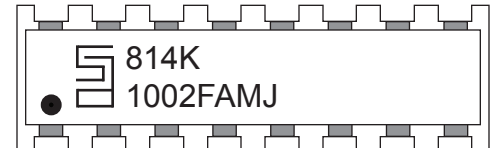
Resistance Range	10Ω to 2.2 MΩ
Tolerances (± %)	1, 2, 5, 10, 20
TCR (± ppm/°C)	100, 200, 300
Power Rating (package)	800 mW
Schematic A (element)	100 mw
Schematic B (element)	55 mW
Voltage Rating	50 V
Operating Range	-65 to 150°C

Bottom Side

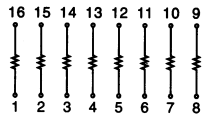


Part Marking

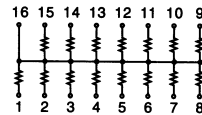
Date Code (yww), TCR, value, tolerance, schematic, product level, & JAN mark (J).



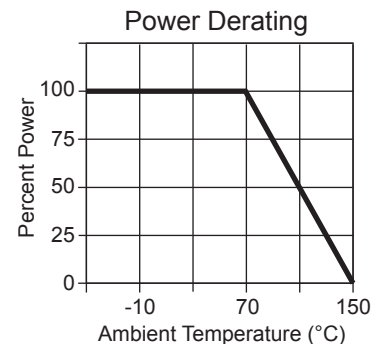
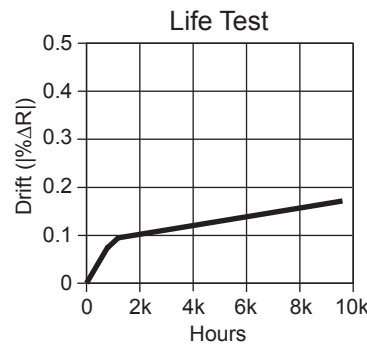
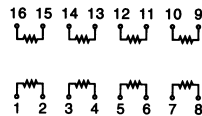
Schematic A
800 mW/network
100 mW/resistor



Schematic B
800 mW/network
53 mW/resistor



Schematic C
800 mW/network
100 mW/resistor



Part Number

M914D05K1002FMM -TR

Packaging: -TR: Tape & Reel -W: Waffle Tray (Default Packaging is Bulk)

Established Reliability Failure Rate Level: M: 1% per 1000 hours

Schematic: E M P (see schematics above)

Resistance Tolerance: F: 1% G: 2% J: 5% K: 10% M: 20% L: 25% N: 30% S: 50%

Resistance Value: Three (>2% tolerance) or four numerals (≤1% tolerance) with the leading numerals significant and the last numeral indicating the number of zeros to add. The letter R is used as the decimal when required.

Temperature Characteristic (ppm/°C): K: ±100 M: ±300

Size Code: 05 is nominally 0.150" x 0.410"

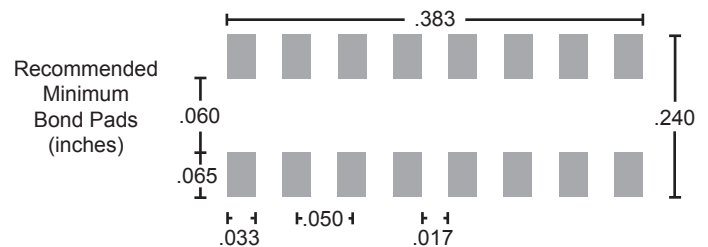
Termination Material: D: Plated Sn60Pb40 tin-lead solder over nickel barrier G: Hot solder dip Sn60Pb40 tin-lead solder over nickel barrier

MIL-PRF-914 Performance Specification

Mechanical

	Inches	Millimeters
Length (a)	.150(.142 - .158)	3.81(3.61 - 4.01)
Width (b)	.410(.400 - .420)	10.4(10.2 - 10.7)
Thickness (c)	.027(.023 - .035)	0.71(0.58 - 0.89)
Bottom Termination		
Length (d)	.035(.027 - .043)	0.51(0.69 - 1.09)
Width (e)	.023(.022 - .028)	0.58(0.55 - 0.71)
Pitch (f)	.050(.042 - .058)	1.27(1.07 - 1.47)

Approximate Weight D Material: 0.0974 g
 G Material: 0.0986 g



State of the Art, Inc. 2470 Fox Hill Road, State College, PA, USA 16803-1797

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Specifications Subject to Change Without Notice

All Products Made in the USA

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