

RMCF/RMCP Series

General Purpose Thick Film Standard Power and High Power Chip Resistor

Stackpole Electronics, Inc.

Resistive Product Solutions

- Features:
- RMCF – standard power ratings
 - RMCP – high power ratings
 - Nickel barrier terminations standard
 - Power derating from 100% at 70°C to zero at +155°C
 - RMCF package sizes 0402 through 2512 are qualified to AEC-Q200
 - RoHS compliant



| Electrical Specifications | | | | | | | |
|---------------------------|-----------------------------|--|--------------------------|-----------------|--|---|----|
| Type / Code | Power Rating (Watts) @ 70°C | Maximum Working Voltage ⁽¹⁾ | Maximum Overload Voltage | Maximum Current | Resistance Temperature Coefficient | Ohmic Range (Ω) and Tolerance ⁽²⁾ | |
| | | | | | | 1% | 5% |
| RMCF01005 | 0.03W | 15V | 30V | 0.5 Amp | -200/+600 ppm/°C ± 250 ppm/°C | 1 - 9.76 10 - 1M | |
| RMCF0201 | 0.05W | 25V | 50V | 1 Amp | ± 400 ppm/°C ± 200 ppm/°C | 1 - 9.76 10 - 10M | |
| RMCF0402 | 0.063W | 50V | 100V | 1 Amp | ± 300 ppm/°C ± 200 ppm/°C ± 100 ppm/°C ± 200 ppm/°C | 0.2 - 0.59 0.604 - 9.76 10 - 1M | |
| RMCF0603 | 0.1W | 50V | 100V | 1 Amp | ± 600 ppm/°C ± 200 ppm/°C ± 100 ppm/°C ± 200 ppm/°C | 1.02M - 10M 1.1M - 20M | |
| RMCF0805 | 0.125W | 150V | 300V | 2 Amp | ± 200 ppm/°C ± 100 ppm/°C ± 200 ppm/°C | 0.1 - 0.976 1 - 9.76 10 - 1M 1.02M - 10M | |
| RMCF1206 | 0.25W | 200V | 400V | 2 Amp | ± 200 ppm/°C ± 100 ppm/°C ± 200 ppm/°C | 1 - 9.76 1 - 20M 10 - 1M 1.02M - 10M | |
| RMCF1210 | 0.33W ⁽³⁾ | 200V | 400V | 3 Amp | ± 200 ppm/°C ± 400 ppm/°C ± 200 ppm/°C ± 100 ppm/°C | 0.1 - 0.976 1 - 9.76 - 10 - 10M 10 - 20M - | |
| RMCF2010 | 0.75W | 200V | 400V | 3 Amp | ± 200 ppm/°C ± 400 ppm/°C ± 200 ppm/°C ± 100 ppm/°C | 0.1 - 0.976 1 - 9.76 - 10 - 10M 10 - 10M - | |
| RMCF2512 | 1W | 200V | 400V | 3 Amp | ± 200 ppm/°C ± 400 ppm/°C ± 200 ppm/°C ± 100 ppm/°C | 0.1 - 0.976 1 - 9.76 - 10 - 10M 10 - 10M - | |
| RMCP0402 | 0.1W | 50V | 100V | 1 Amp | ± 200 ppm/°C ± 100 ppm/°C | 0.1 - 0.976 10 - 1M | |
| RMCP0603 | 0.125W | 50V | 100V | 1 Amp | ± 200 ppm/°C ± 100 ppm/°C | 1 - 9.76 10 - 1M | |
| RMCP0805 | 0.25W | 150V | 300V | 2 Amp | ± 200 ppm/°C ± 100 ppm/°C | 1 - 9.76 10 - 1M | |
| RMCP1206 | 0.33W | 200V | 400V | 2 Amp | ± 200 ppm/°C ± 100 ppm/°C | 1 - 9.76 10 - 1M | |
| RMCP1210 | 0.5W | 200V | 400V | 3 Amp | ± 200 ppm/°C ± 100 ppm/°C | 1 - 9.76 10 - 1M | |
| RMCP2010 | 1W | 200V | 400V | 3 Amp | ± 200 ppm/°C ± 100 ppm/°C | 1 - 9.76 10 - 1M | |
| RMCP2512 | 2W | 200V | 400V | 3 Amp | ± 200 ppm/°C ± 100 ppm/°C | 1 - 9.76 10 - 1M | |

Notes: (1) Lesser of \sqrt{PR} or maximum working voltage.

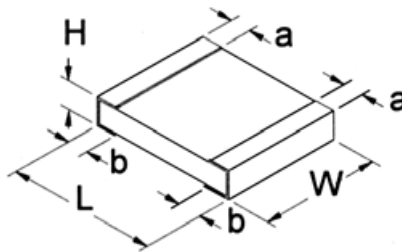
(2) Contact factory for extended ohmic values.

(3) Power rating is 0.5W for ohmic values below 1KΩ

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Mechanical Specifications

| Type / Code | Average Unit Weight (mg) | L Body Length | W Body Width | H Body Height | a Top Termination | b Bottom | Unit |
|-------------|--------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|--------------|
| RMCF01005 | 0.07 | 0.016 ± 0.001 0.40 ± 0.02 | 0.008 ± 0.001 0.20 ± 0.02 | 0.005 ± 0.001 0.13 ± 0.02 | 0.004 ± 0.001 0.10 ± 0.03 | 0.004 ± 0.001 0.10 ± 0.03 | inches mm |
| RMCF0201 | 0.16 | 0.024 ± 0.001 0.60 ± 0.03 | 0.012 ± 0.001 0.30 ± 0.03 | 0.009 ± 0.0004 0.23 ± 0.01 | 0.006 ± 0.002 0.15 ± 0.05 | 0.006 ± 0.002 0.15 ± 0.05 | inches mm |
| RMCF0402 | 0.57 | 0.039 ± 0.004 | 0.020 ± 0.002 | 0.012 ± 0.004 | 0.008 ± 0.004 | 0.010 ± 0.006 | inches |
| RMCP0402 | 0.62 | 1.00 ± 0.10 | 0.50 ± 0.05 | 0.30 ± 0.10 | 0.20 ± 0.10 | 0.25 ± 0.15 | mm |
| RMCF0603 | 1.88 | 0.061 ± 0.006 | 0.031 + 0.006 / -0.004 | 0.018 ± 0.004 | 0.012 ± 0.008 | 0.012 ± 0.008 | inches |
| RMCP0603 | 2.04 | 1.55 ± 0.15 | 0.80 + 0.15 / -0.10 | 0.45 ± 0.10 | 0.30 ± 0.20 | 0.30 ± 0.20 | mm |
| RMCF0805 | 5.00 | 0.079 ± 0.008 | 0.049 ± 0.004 | 0.020 ± 0.006 | 0.014 ± 0.010 | 0.014 ± 0.010 | inches |
| RMCP0805 | 4.37 | 2.00 ± 0.20 | 1.25 ± 0.10 | 0.50 ± 0.15 | 0.35 ± 0.25 | 0.35 ± 0.25 | mm |
| RMCF1206 | 8.86 | 0.126 ± 0.010 | 0.063 ± 0.006 | 0.022 ± 0.006 | 0.020 ± 0.012 | 0.020 ± 0.012 | inches |
| RMCP1206 | 8.95 | 3.20 ± 0.25 | 1.60 ± 0.15 | 0.55 ± 0.15 | 0.50 ± 0.30 | 0.50 ± 0.30 | mm |
| RMCF1210 | 15.55 | 0.126 ± 0.010 | 0.098 ± 0.010 | 0.022 ± 0.006 | 0.020 ± 0.012 | 0.020 ± 0.012 | inches |
| RMCP1210 | 15.96 | 3.20 ± 0.25 | 2.50 ± 0.25 | 0.55 ± 0.15 | 0.50 ± 0.30 | 0.50 ± 0.30 | mm |
| RMCF2010 | 23.56 | 0.197 ± 0.008 | 0.098 ± 0.008 | 0.022 ± 0.006 | 0.024 ± 0.012 | 0.024 ± 0.014 | inches |
| RMCP2010 | 24.24 | 5.00 ± 0.20 | 2.50 ± 0.20 | 0.55 ± 0.15 | 0.60 ± 0.30 | 0.60 ± 0.35 | mm |
| RMCF2512 | 40.02 | 0.248 ± 0.008 | 0.126 ± 0.010 | 0.022 ± 0.006 | 0.024 ± 0.012 | 0.024 ± 0.014 | inches |
| RMCP2512 | 39.45 | 6.30 ± 0.20 | 3.20 ± 0.25 | 0.55 ± 0.15 | 0.60 ± 0.30 | 0.60 ± 0.35 | mm |

Performance Characteristics

| Test | Test Conditions (JIS C 5202) | Test Results |
|---------------------------------|---|----------------------------------|
| Short Time Overload | 2.5x rated voltage for 5 seconds | ± (2% + 0.1Ω) |
| Dielectric Withstanding Voltage | 100 VAC, 1 minute | ± (1% + 0.05Ω) |
| Resistance to Soldering Heat | 260°C ±5°C, for 10 sec. ±0.5 sec. (Solder Bath) | ± 1% |
| Solderability | 235°C ±5°C, for 2 sec. ±0.5 sec. (Colophonium flux) | 95% coverage, minimum |
| Temperature Cycle | -65°C: 30 min. 25°C: 2 to 3 min. 155°C: 30 min. 25°C: 2 to 3 min. (5 Cycles) | ±(1% + 0.05Ω) Jumper (<0.05Ω) |
| Endurance (Damp load) | 40°C ± 2°C, 90% RH, Rated Load 90 min. On, 30 min. Off for 1,000 hrs. -0hrs./+48hrs. | ±(3% + 0.1Ω) Jumper (<0.05Ω) |
| Endurance (Rated load) | 70°C ± 2°C, Rated Load 90 min. On, 30 min. Off for 1,000 hrs. -0hrs./+48hrs. | ±(3% + 0.1Ω) Jumper (<0.05Ω) |
| Voltage Coefficient | 1/10 rated voltage for 3 sec. max. then rated voltage for 3 sec. max. | ±100 (ppm/V) |
| Robustness of Termination | Bend of 3mm for 5 ± 1 sec. | ± (1% + 0.05 Ohm) |

Operating Temperature Range: -55°C to +125°C (0201 size)
-55°C to +155°C (all others)

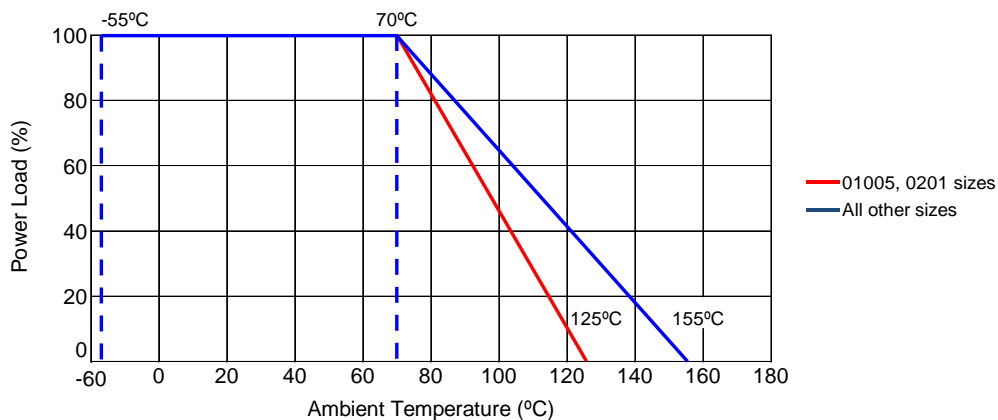
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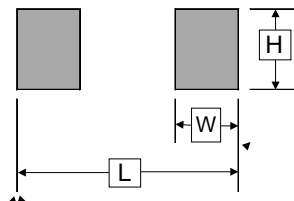
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Power Derating Curve:



Standard Solder Land Pattern



| Standard Solder Land Pattern | | | | |
|------------------------------|-------|-------|-------|--------|
| SIZE | L | H | W | Unit |
| 01005 | 0.020 | 0.008 | 0.006 | inches |
| | 0.50 | 0.20 | 0.15 | mm |
| 0201 | 0.031 | 0.017 | 0.011 | inches |
| | 0.79 | 0.43 | 0.28 | mm |
| 0402 | 0.051 | 0.024 | 0.016 | inches |
| | 1.30 | 0.60 | 0.40 | mm |
| 0603 | 0.079 | 0.035 | 0.020 | inches |
| | 2.00 | 0.90 | 0.50 | mm |
| 0805 | 0.102 | 0.051 | 0.028 | inches |
| | 2.60 | 1.30 | 0.70 | mm |
| 1206 | 0.150 | 0.067 | 0.035 | inches |
| | 3.80 | 1.70 | 0.90 | mm |
| 1210 | 0.150 | 0.098 | 0.035 | inches |
| | 3.80 | 2.50 | 0.90 | mm |
| 2010 | 0.232 | 0.098 | 0.039 | inches |
| | 5.90 | 2.50 | 1.00 | mm |
| 2512 | 0.283 | 0.126 | 0.039 | inches |
| | 7.20 | 3.20 | 1.00 | mm |

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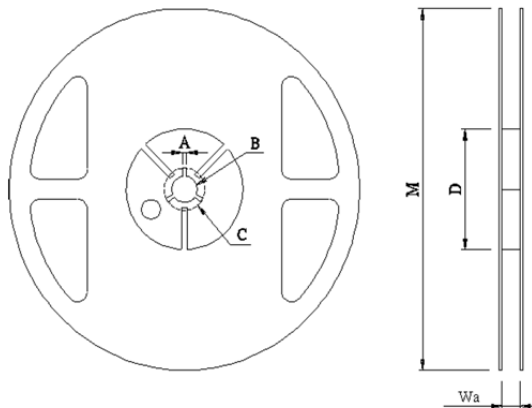
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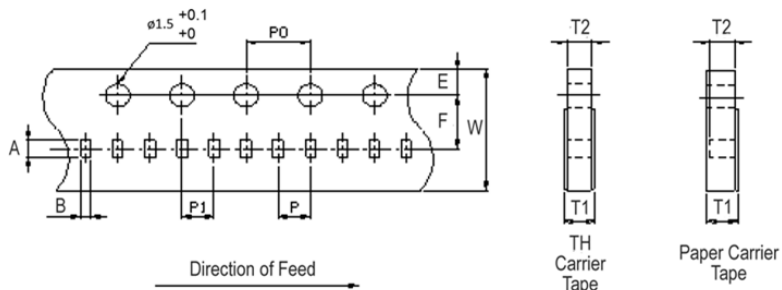
Packaging (EIA Standard RS-481)

Nominal dimensions:

Inches (mm)



| Reel Dimensions | | | | | | | |
|--------------------------|---------------|----------------|---------------|---------------|---------------|---------------|--------|
| Reel Type / Tape | Wa | M | A | B | C | D | Unit |
| 7" reel for 8mm tape | 0.354 ± 0.020 | 7.008 ± 0.079 | 0.079 ± 0.020 | 0.531 ± 0.020 | 0.827 ± 0.020 | 2.362 ± 0.039 | inches |
| | 9.00 ± 0.50 | 178.00 ± 2.00 | 2.00 ± 0.50 | 13.50 ± 0.50 | 21.00 ± 0.50 | 60.00 ± 1.00 | mm |
| 10" reel for 8mm tape | 0.394 ± 0.020 | 10.000 ± 0.079 | 0.079 ± 0.020 | 0.531 ± 0.020 | 0.827 ± 0.020 | 3.937 ± 0.039 | inches |
| | 10.00 ± 0.50 | 254.00 ± 2.00 | 2.00 ± 0.50 | 13.50 ± 0.50 | 21.00 ± 0.50 | 100.00 ± 1.00 | mm |



| Packaging Specifications (01005, 0201, 0402) | | | | | | | | | |
|--|------------------|------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------|
| Type | 7" Reel Quantity | Typical Full Reel Weight (g) | Tape Width | A | B | W | E | F | Unit |
| RMCF01005 | 20,000 pc | 127.3 ± 12.0 | 0.315 8.00 | 0.018 ± 0.001 | 0.010 ± 0.001 | 0.315 ± 0.012 | 0.069 ± 0.004 | 0.138 ± 0.002 | inches |
| | | | | 0.45 ± 0.02 | 0.25 ± 0.02 | 8.00 ± 0.30 | 1.75 ± 0.10 | 3.50 ± 0.05 | mm |
| RMCF0201 | 10,000 pc | 97.2 ± 9.0 | 0.315 8.00 | 0.027 ± 0.002 | 0.015 ± 0.001 | 0.315 ± 0.004 | 0.069 ± 0.004 | 0.138 ± 0.002 | inches |
| | | | | 0.68 ± 0.05 | 0.38 ± 0.03 | 8.00 ± 0.10 | 1.75 ± 0.10 | 3.50 ± 0.05 | mm |
| RMCF0402 | 10,000 pc | 94.5 ± 9.0 | 0.315 8.00 | 0.045 ± 0.002 | 0.026 ± 0.002 | 0.315 ± 0.008 | 0.069 ± 0.004 | 0.138 ± 0.002 | inches |
| | | | | 1.15 ± 0.05 | 0.65 ± 0.05 | 8.00 ± 0.20 | 1.75 ± 0.10 | 3.50 ± 0.05 | mm |

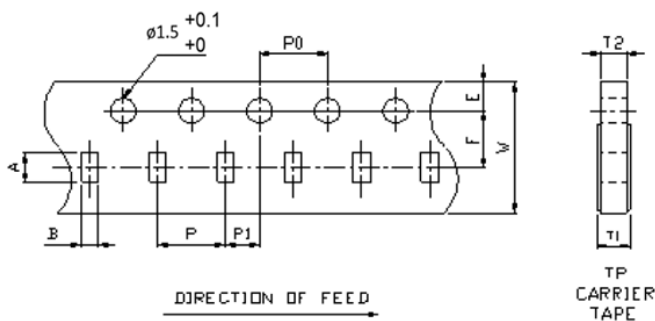
| Type | T1 | T2 | P | P0 | P1 | Unit |
|-----------|--------------------|---------------|---------------|---------------|---------------|--------|
| RMCF01005 | 0.012 ± 0.001 | 0.007 ± 0.001 | 0.079 ± 0.002 | 0.157 ± 0.002 | 0.079 ± 0.002 | inches |
| | 0.31 ± 0.03 | 0.17 ± 0.03 | 2.00 ± 0.05 | 4.00 ± 0.05 | 2.00 ± 0.05 | mm |
| RMCF0201 | 0.017 + 0.004 / -0 | 0.011 ± 0.001 | 0.079 ± 0.002 | 0.157 ± 0.002 | 0.079 ± 0.002 | inches |
| | 0.42 + 0.10 / -0 | 0.28 ± 0.02 | 2.00 ± 0.05 | 4.00 ± 0.05 | 2.00 ± 0.05 | mm |
| RMCF0402 | 0.016 + 0.008 / -0 | 0.016 ± 0.002 | 0.079 ± 0.004 | 0.157 ± 0.002 | 0.079 ± 0.002 | inches |
| | 0.40 + 0.20 / -0 | 0.40 ± 0.05 | 2.00 ± 0.10 | 4.00 ± 0.05 | 2.00 ± 0.05 | mm |

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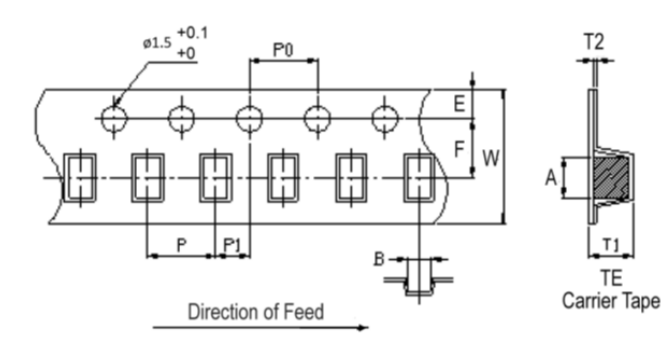


Packaging Specifications (0603, 0805, 1206, 1210)

| Type | 7" Reel Quantity (1) | Typical Full Reel Weight (g) | Tape Width | A | B | W | E | F | Unit |
|----------|----------------------|------------------------------|---------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------|
| RMCF0603 | 5,000 pc | 118.3 ± 11.0 | 0.315 8.00 | 0.071 ± 0.004 1.80 ± 0.10 | 0.039 ± 0.004 1.00 ± 0.10 | 0.315 ± 0.008 8.00 ± 0.20 | 0.069 ± 0.004 1.75 ± 0.10 | 0.138 ± 0.002 3.50 ± 0.05 | inches mm |
| RMCF0805 | 5,000 pc | 139.2 ± 13.0 | 0.315 8.00 | 0.091 ± 0.004 2.30 ± 0.10 | 0.061 ± 0.004 1.55 ± 0.10 | 0.315 ± 0.008 8.00 ± 0.20 | 0.069 ± 0.004 1.75 ± 0.10 | 0.138 ± 0.002 3.50 ± 0.05 | inches mm |
| RMCF1206 | 5,000 pc | 151.4 ± 15.0 | 0.315 8.00 | 0.138 ± 0.008 3.50 ± 0.20 | 0.075 ± 0.008 1.90 ± 0.20 | 0.315 ± 0.008 8.00 ± 0.20 | 0.069 ± 0.004 1.75 ± 0.10 | 0.138 ± 0.002 3.50 ± 0.05 | inches mm |
| RMCF1210 | 4,000 pc | 175.7 ± 17.0 | 0.315 8.00 | 0.138 ± 0.008 3.50 ± 0.20 | 0.071 ± 0.008 1.80 ± 0.20 | 0.315 ± 0.008 8.00 ± 0.20 | 0.069 ± 0.004 1.75 ± 0.10 | 0.138 ± 0.002 3.50 ± 0.05 | inches mm |

| Type | T1 | T2 | P | P0 | P1 | Unit |
|----------|--|------------------------------|------------------------------|------------------------------|------------------------------|--------------|
| RMCF0603 | 0.024 + 0.008 / -0 0.60 + 0.20 / -0 | 0.024 ± 0.004 0.60 ± 0.10 | 0.157 ± 0.004 4.00 ± 0.10 | 0.157 ± 0.002 4.00 ± 0.05 | 0.079 ± 0.002 2.00 ± 0.05 | inches mm |
| RMCF0805 | 0.030 + 0.008 / -0 0.75 + 0.20 / -0 | 0.030 ± 0.004 0.75 ± 0.10 | 0.157 ± 0.004 4.00 ± 0.10 | 0.157 ± 0.002 4.00 ± 0.05 | 0.079 ± 0.002 2.00 ± 0.05 | inches mm |
| RMCF1206 | 0.030 + 0.008 / -0 0.75 + 0.20 / -0 | 0.030 ± 0.004 0.75 ± 0.10 | 0.157 ± 0.004 4.00 ± 0.10 | 0.157 ± 0.002 4.00 ± 0.05 | 0.079 ± 0.002 2.00 ± 0.05 | inches mm |
| RMCF1210 | 0.030 + 0.008 / -0 0.75 + 0.20 / -0 | 0.030 ± 0.004 0.75 ± 0.10 | 0.157 ± 0.004 4.00 ± 0.10 | 0.157 ± 0.002 4.00 ± 0.05 | 0.079 ± 0.002 2.00 ± 0.05 | inches mm |

Note: (1) 13" Reels with 10,000 pieces available.



Packaging Specifications (2010, 2512)

| Type | 7" Reel Quantity | Typical Full Reel Weight (g) | Tape Width | A | B | W | E | F | Unit |
|----------|------------------|------------------------------|----------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|--------------|
| RMCF2010 | 4,000 pc | 183.1 ± 18.0 | 0.472 12.00 | 0.217 ± 0.008 5.50 ± 0.20 | 0.110 ± 0.008 2.80 ± 0.20 | 0.472 ± 0.008 12.00 ± 0.20 | 0.069 ± 0.004 1.75 ± 0.10 | 0.217 ± 0.002 5.50 ± 0.05 | inches mm |
| RMCF2512 | 4,000 pc | 255.3 ± 25.0 | 0.472 12.00 | 0.264 ± 0.008 6.70 ± 0.20 | 0.134 ± 0.008 3.40 ± 0.20 | 0.472 ± 0.008 12.00 ± 0.20 | 0.069 ± 0.004 1.75 ± 0.10 | 0.217 ± 0.002 5.50 ± 0.05 | inches mm |

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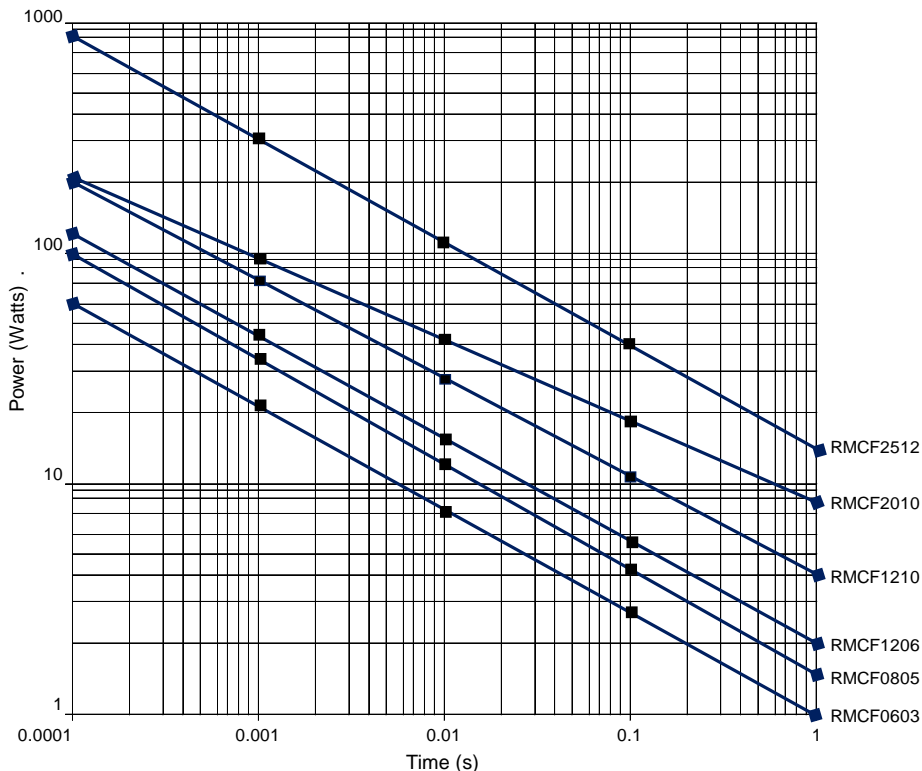
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Packaging Specifications (2010, 2512)

| Type | T1 | T2 | P | P0 | P1 | Unit |
|----------|---------------|---------------|---------------|---------------|---------------|--------|
| RMCF2010 | 0.043 ± 0.006 | 0.009 ± 0.006 | 0.157 ± 0.004 | 0.157 ± 0.002 | 0.079 ± 0.002 | inches |
| | 1.10 ± 0.15 | 0.23 ± 0.15 | 4.00 ± 0.10 | 4.00 ± 0.05 | 2.00 ± 0.05 | mm |
| RMCF2512 | 0.043 ± 0.006 | 0.009 ± 0.006 | 0.157 ± 0.004 | 0.157 ± 0.002 | 0.079 ± 0.002 | inches |
| | 1.10 ± 0.15 | 0.23 ± 0.15 | 4.00 ± 0.10 | 4.00 ± 0.05 | 2.00 ± 0.05 | mm |

Note: Embossed taping standard on 2010 and 2512 sizes.

Single Pulse Power:



Single Pulse Power

| Size | Time (s) | | | | | Unit |
|----------|----------|-------|------|-----|-----|-------|
| | 0.0001 | 0.001 | 0.01 | 0.1 | 1 | |
| RMCF0603 | 60 | 21.5 | 7.6 | 2.8 | 1 | Watts |
| RMCF0805 | 94 | 34 | 12 | 4.4 | 1.6 | Watts |
| RMCF1206 | 120 | 43 | 15 | 5.6 | 2 | Watts |
| RMCF1210 | 240 | 86 | 31 | 11 | 4 | Watts |
| RMCF2010 | 210 | 96 | 41 | 18 | 8 | Watts |
| RMCF2512 | 800 | 300 | 110 | 42 | 16 | Watts |

The data provided are for reference only. They are typical performance for this product but are not guaranteed. The actual pulse handling of each individual resistor may vary depending on a variety of factors including resistance tolerance and resistance value. Stackpole Electronics, Inc. assumes no liability for the use of this information. Customers should validate the performance of these products in their applications. Contact Stackpole marketing to discuss specific pulse application requirements.

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Temperature Measurement of Resistor Surface

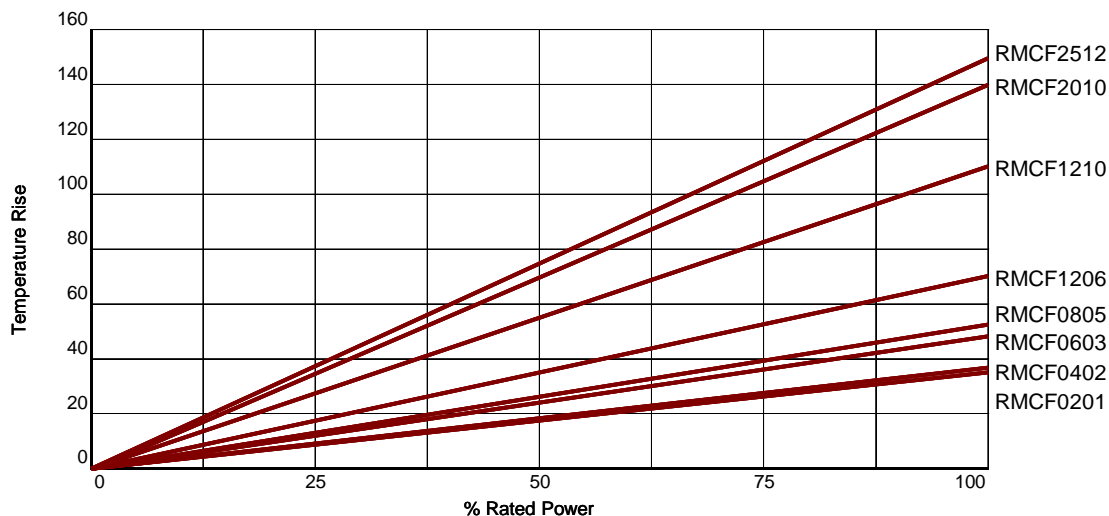
Description: The resistor surface generated temperature variation after applied rated voltage.

Products and power:

| Stackpole P/N | RMCF0201 | RMCF0402 | RMCF0603 | RMCF0805 | RMCF1206 | RMCF1210 | RMCF2010 | RMCF2512 |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| R-V | 15K | 40.2K | 57.6K | 180K | 182K | 100K | 100K | 75K |
| Rated Power | 1/20W | 1/16W | 1/10W | 1/8W | 1/4W | 1/2W | 3/4W | 1W |
| Maximum Rated Voltage | 25V | 50V | 75V | 150V | 200V | 200V | 200V | 200V |

Test method: Measure component surface temperature directly after the temperature stabilizes.

Test result: As per table below:



| Heat Rise | | | | | | | | |
|---------------------|------|------|--------|--------|--------|---------|-------|---------|
| TYPE | 0201 | 0402 | 0603 | 0805 | 1206 | 1210 | 2010 | 2512 |
| Surface Temperature | 36°C | 37°C | 46.2°C | 50.4°C | 70.6°C | 110.6°C | 141°C | 150.4°C |

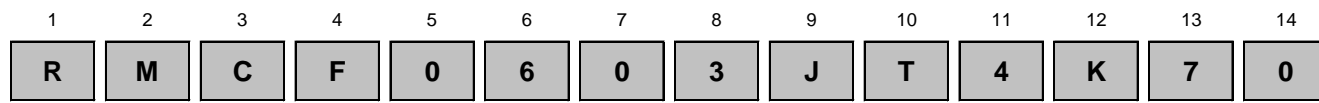
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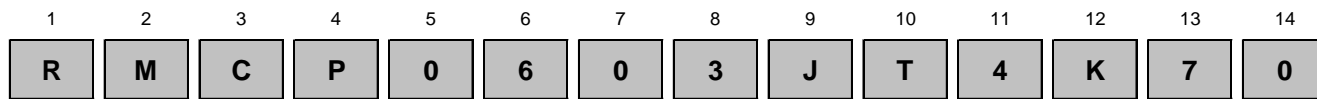
How to Order RMCF



| Product Series | | Size | Power | Tolerance | | | Packaging | | | | Resistance Value |
|----------------|---------------------------|-------|----------|-----------|--------|----------|-----------|------------------------|------------------|------------------|---|
| RMCF | Thick Film Chip Resistors | 01005 | 0.03W | Code | Tol | Value | Code | Description | Size | Quantity | Four characters with the multiplier used as the decimal holder. 0.1 ohm = R100 4.70 ohm = 4R70 10.0 Kohm = 10K0 1 Mohm = 1M00 Zero ohm jumper = 0R00 |
| | | 0201 | 0.05W | F | 1% | E96, E24 | T | 7" Reel - Paper Tape | 01005 | 20,000 | |
| | | 0402 | 0.063W | J | 5% | E24 | | | 0201, 0402 | 10,000 | |
| | | 0603 | 0.1W | Z | jumper | | G | 7" Reel - Plastic Tape | 0603, 0805, 1206 | 5,000 | |
| | | 0805 | 0.125W | | | | | | 1210, 2010, 2512 | 4,000 | |
| | | 1206 | 0.25W | | | | B | 10" Reel - Paper Tape | 0603, 0805, 1206 | 10,000 | |
| | | 1210 | 0.33W(*) | | | | | | Bulk | 0603, 0805, 1206 | |
| | | 2010 | 0.75W | | | | | | | | |
| | | 2512 | 1W | | | | | | | | |

(*) Power rating is 0.5W for Ohmic values below 1KΩ

How to Order RMCP



| Product Series | | Size | Power Rating | Tolerance | | | Packaging | | | | Resistance Value |
|----------------|------------|------|--------------|-----------|-----|----------|-----------|---------------------|------------|----------|--|
| RMCP | High Power | 0402 | 0.1W | Code | Tol | Value | Code | Description | Size | Quantity | Four characters with the multiplier used as the decimal holder. 1 ohm = 1R00 10 Kohm = 10K0 1 Mohm = 1M00 |
| | | 0603 | 0.125W | F | 1% | E96, E24 | T | 7" Reel Paper Tape | 0402 | 10,000 | |
| | | 0805 | 0.25W | J | 5% | E24 | | | 0603, 0805 | 5,000 | |
| | | 1206 | 0.33W | | | | | | 1206, 1210 | 5,000 | |
| | | 1210 | 0.5W | | | | G | 10" Reel Paper Tape | 2010, 2512 | 4,000 | |
| | | 2010 | 1W | | | | | | 0603, 0805 | 10,000 | |
| | | 2512 | 2W | | | | | | 1206, 1210 | 10,000 | |