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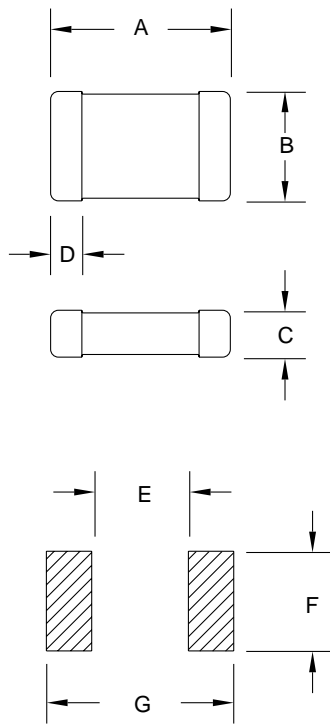
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# Multilayer Ferrite Chip Beads

## Special Features

- High impedance
- Reduce high frequency noise interference
- Multilayer construction for high reliability
- Solder coated terminals for wave and reflow solder
- Operating temperature -55 to +125°C
- Current to cause 20°C maximum temperature rise



Pad Layout

| PMC Series  |                              |                  |                          |            |
|-------------|------------------------------|------------------|--------------------------|------------|
| Part Number | Z ( $\Omega$ )<br>$\pm 25\%$ | Test Freq. (MHz) | DCR ( $\Omega$ )<br>Max. | I, DC (mA) |
| PMC0402-100 | 10                           | 100              | 0.10                     | 500        |
| PMC0402-300 | 30                           | 100              | 0.20                     | 300        |
| PMC0402-600 | 60                           | 100              | 0.25                     | 300        |
| PMC0402-121 | 120                          | 100              | 0.30                     | 100        |
| PMC0402-241 | 240                          | 100              | 0.40                     | 100        |
| PMC0402-301 | 300                          | 100              | 0.50                     | 100        |
| PMC0402-601 | 600                          | 100              | 1.1                      | 50         |
| PMC0402-102 | 1000                         | 100              | 1.5                      | 50         |
| PMC0603-300 | 30                           | 100              | 0.2                      | 200        |
| PMC0603-600 | 60                           | 100              | 0.2                      | 200        |
| PMC0603-101 | 100                          | 100              | 0.3                      | 200        |
| PMC0603-151 | 150                          | 100              | 0.4                      | 100        |
| PMC0603-301 | 300                          | 100              | 0.6                      | 100        |
| PMC0603-601 | 600                          | 100              | 0.8                      | 100        |
| PMC0603-102 | 1000                         | 100              | 1.0                      | 100        |
| PMC0603-152 | 1500                         | 100              | 1.0                      | 50         |
| PMC0603-202 | 2000                         | 100              | 1.0                      | 50         |
| PMC0805-100 | 10                           | 100              | 0.2                      | 500        |
| PMC0805-300 | 30                           | 100              | 0.3                      | 400        |
| PMC0805-600 | 60                           | 100              | 0.3                      | 400        |
| PMC0805-101 | 100                          | 100              | 0.4                      | 400        |
| PMC0805-151 | 150                          | 100              | 0.5                      | 200        |
| PMC0805-301 | 300                          | 100              | 0.5                      | 200        |
| PMC0805-601 | 600                          | 100              | 1.0                      | 100        |
| PMC0805-102 | 1000                         | 50               | 1.0                      | 100        |
| PMC0805-152 | 1500                         | 50               | 1.0                      | 100        |
| PMC0805-202 | 2000                         | 50               | 1.5                      | 100        |
| PMC1206-300 | 30                           | 100              | 0.2                      | 500        |
| PMC1206-600 | 60                           | 100              | 0.3                      | 400        |
| PMC1206-101 | 100                          | 100              | 0.3                      | 400        |
| PMC1206-151 | 150                          | 100              | 0.5                      | 200        |
| PMC1206-301 | 300                          | 100              | 0.5                      | 200        |
| PMC1206-601 | 600                          | 100              | 0.5                      | 200        |
| PMC1206-102 | 1000                         | 50               | 1.0                      | 100        |
| PMC1206-152 | 1500                         | 50               | 1.0                      | 100        |
| PMC1206-202 | 2000                         | 30               | 0.6                      | 100        |
| PMC1210-650 | 65                           | 100              | 0.15                     | 400        |
| PMC1210-750 | 75                           | 100              | 0.15                     | 400        |
| PMC1806-600 | 60                           | 100              | 0.3                      | 400        |
| PMC1806-101 | 100                          | 100              | 0.4                      | 300        |
| PMC1806-151 | 150                          | 100              | 0.5                      | 200        |
| PMC1812-101 | 100                          | 100              | 0.4                      | 300        |
| PMC1812-121 | 120                          | 100              | 0.4                      | 300        |

## Dimensions: mm

| Chip Size | Dim. A | Dim. B | Dim. C | Dim. D | Dim. E | Dim. F | Dim. G | Reel Size |
|-----------|--------|--------|--------|--------|--------|--------|--------|-----------|
| PMC0402   | 1.00   | 0.50   | 0.50   | 0.25   | 0.4    | 0.5    | 1.4    | 10,000    |
| PMC0603   | 1.60   | 0.80   | 0.80   | 0.5    | 0.90   | 0.80   | 2.30   | 4000      |
| PMC0805   | 2.00   | 1.25   | 0.90   | 0.5    | 1.00   | 1.00   | 3.00   | 4000      |
| PMC1206   | 3.20   | 1.60   | 1.10   | 0.5    | 2.20   | 1.40   | 4.40   | 3000      |
| PMC1210   | 3.20   | 2.50   | 1.30   | 0.5    | 2.20   | 2.30   | 4.40   | 2000      |
| PMC1806   | 4.50   | 1.60   | 1.60   | 0.5    | 3.00   | 1.40   | 6.00   | 2000      |
| PMC1812   | 4.50   | 3.20   | 1.50   | 0.5    | 3.00   | 3.00   | 6.00   | 1000      |

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MAGNETICS

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