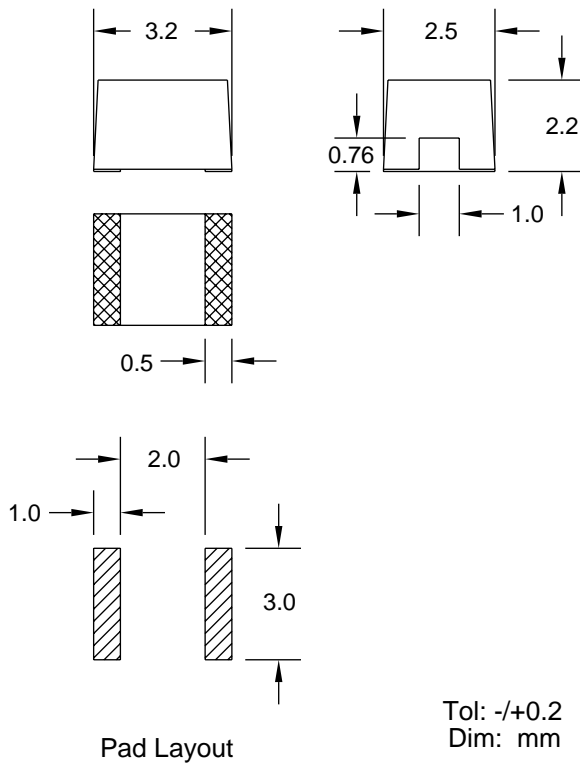


# 1210 Chip Inductors

## Special Features

- Molded construction for high reliability
- Superior environmental protection
- Large terminal surface for strong PCB bonding
- Operating temperature -55 to +125°C
- Current to cause 20°C maximum temperature rise
- Tape & reel packaged 2000/reel



| PM20 Series |             |        |                  |                |              |            |
|-------------|-------------|--------|------------------|----------------|--------------|------------|
| Part Number | L (uH) ±20% | Q Min. | Test Freq. (MHz) | SRF (MHz) Min. | DCR (Ω) Max. | I, DC (mA) |
| PM20-R010M  | 0.010       | 15     | 100              | 2500           | 0.13         | 450        |
| PM20-R012M  | 0.012       | 17     | 100              | 2300           | 0.14         | 450        |
| PM20-R015M  | 0.015       | 19     | 100              | 2100           | 0.16         | 450        |
| PM20-R018M  | 0.018       | 21     | 100              | 1900           | 0.18         | 450        |
| PM20-R022M  | 0.022       | 23     | 100              | 1700           | 0.20         | 450        |
| PM20-R027M  | 0.027       | 23     | 100              | 1500           | 0.22         | 450        |
| PM20-R033M  | 0.033       | 25     | 100              | 1400           | 0.24         | 450        |
| PM20-R039M  | 0.039       | 25     | 100              | 1300           | 0.27         | 450        |
| PM20-R047M  | 0.047       | 26     | 100              | 1200           | 0.30         | 450        |
| PM20-R056M  | 0.056       | 26     | 100              | 1100           | 0.33         | 450        |
| PM20-R068M  | 0.068       | 27     | 100              | 1000           | 0.36         | 450        |
| PM20-R082M  | 0.082       | 27     | 100              | 900            | 0.40         | 450        |
| PM20-R10M   | 0.10        | 28     | 100              | 700            | 0.44         | 450        |
| PM20-R12M   | 0.12        | 28     | 25.2             | 500            | 0.22         | 450        |
| PM20-R15M   | 0.15        | 28     | 25.2             | 450            | 0.25         | 450        |
| PM20-R18M   | 0.18        | 28     | 25.2             | 400            | 0.28         | 450        |
| PM20-R22M   | 0.22        | 28     | 25.2             | 350            | 0.32         | 450        |
| PM20-R27M   | 0.27        | 28     | 25.2             | 320            | 0.36         | 450        |
| PM20-R33M   | 0.33        | 28     | 25.2             | 300            | 0.40         | 450        |
| PM20-R39M   | 0.39        | 28     | 25.2             | 250            | 0.45         | 450        |
| PM20-R47M   | 0.47        | 28     | 25.2             | 220            | 0.50         | 450        |
| PM20-R56M   | 0.56        | 28     | 25.2             | 180            | 0.55         | 450        |
| PM20-R68M   | 0.68        | 28     | 25.2             | 160            | 0.60         | 450        |
| PM20-R82M   | 0.82        | 28     | 25.2             | 140            | 0.65         | 450        |
| ±10%        |             |        |                  |                |              |            |
| PM20-1R0K   | 1.0         | 28     | 7.96             | 120            | 0.70         | 400        |
| PM20-1R2K   | 1.2         | 28     | 7.96             | 100            | 0.75         | 390        |
| PM20-1R5K   | 1.5         | 28     | 7.96             | 85             | 0.85         | 370        |
| PM20-1R8K   | 1.8         | 28     | 7.96             | 80             | 0.90         | 350        |
| PM20-2R2K   | 2.2         | 30     | 7.96             | 75             | 1.0          | 320        |
| PM20-2R7K   | 2.7         | 30     | 7.96             | 70             | 1.1          | 290        |
| PM20-3R3K   | 3.3         | 30     | 7.96             | 60             | 1.2          | 260        |
| PM20-3R9K   | 3.9         | 30     | 7.96             | 55             | 1.3          | 250        |
| PM20-4R7K   | 4.7         | 30     | 7.96             | 50             | 1.7          | 220        |
| PM20-5R6K   | 5.6         | 30     | 7.96             | 47             | 1.8          | 200        |
| PM20-6R8K   | 6.8         | 30     | 7.96             | 43             | 2.0          | 180        |
| PM20-8R2K   | 8.2         | 30     | 7.96             | 40             | 2.3          | 170        |
| PM20-100K   | 10          | 30     | 2.52             | 36             | 2.5          | 150        |
| PM20-120K   | 12          | 30     | 2.52             | 33             | 2.8          | 140        |
| PM20-150K   | 15          | 30     | 2.52             | 30             | 3.2          | 130        |
| PM20-180K   | 18          | 30     | 2.52             | 27             | 3.6          | 120        |
| PM20-220K   | 22          | 30     | 2.52             | 25             | 4.0          | 110        |
| PM20-270K   | 27          | 30     | 2.52             | 20             | 5.0          | 80         |
| PM20-330K   | 33          | 30     | 2.52             | 17             | 5.6          | 70         |
| PM20-390K   | 39          | 30     | 2.52             | 16             | 6.4          | 65         |
| PM20-470K   | 47          | 30     | 2.52             | 15             | 7.0          | 60         |
| PM20-560K   | 56          | 30     | 2.52             | 13             | 8.0          | 55         |
| PM20-680K   | 68          | 30     | 2.52             | 12             | 9.0          | 50         |
| PM20-820K   | 82          | 30     | 2.52             | 11             | 10           | 45         |
| PM20-101K   | 100         | 20     | 0.796            | 10             | 10           | 40         |
| PM20-121K   | 120         | 20     | 0.796            | 10             | 11           | 70         |
| PM20-151K   | 150         | 20     | 0.796            | 8              | 15           | 65         |
| PM20-181K   | 180         | 20     | 0.796            | 7              | 17           | 60         |
| PM20-221K   | 220         | 20     | 0.796            | 7              | 21           | 50         |

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