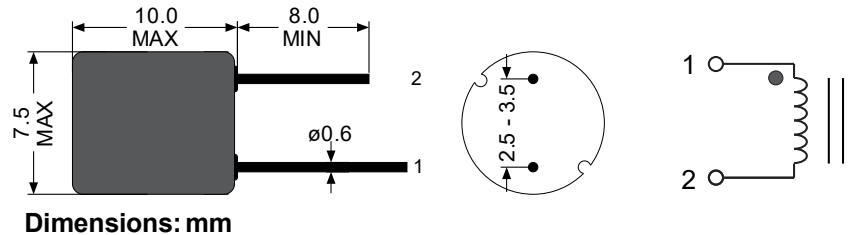




**PM-R** Inductors are typically used in EMI filters and switch mode power supplies. They are optimal in projects that need a low cost solution.

- ◆ Small size to fit in tight spaces.
- ◆ High current, high energy capable.
- ◆ Low resistance for low temperature rise.



### ELECTRICAL SPECIFICATIONS AT 25°C

| PART NUMBER | L ±10% (μH) | Ipk (A) | MAX DCR (Ω) | SRF (MHz) |
|-------------|-------------|---------|-------------|-----------|
| PM-R20101   | 100         | 1.55    | 0.3         | 6.0       |
| PM-R20221   | 220         | 1.05    | 0.5         | 4.0       |
| PM-R20331   | 330         | 0.84    | 0.9         | 3.5       |
| PM-R20471   | 470         | 0.70    | 1.2         | 2.5       |
| PM-R20681   | 680         | 0.58    | 1.8         | 2.0       |
| PM-R20821   | 820         | 0.54    | 2.0         | 2.0       |
| PM-R20102   | 1000        | 0.48    | 2.5         | 1.5       |
| PM-R20222   | 2200        | 0.32    | 4.7         | 1.0       |
| PM-R20332   | 3300        | 0.26    | 7.6         | 1.0       |
| PM-R20472   | 4700        | 0.23    | 11.0        | 0.8       |
| PM-R20682   | 6800        | 0.18    | 15.0        | 0.5       |
| PM-R20822   | 8200        | 0.17    | 19.0        | 0.5       |
| PM-R20103   | 10000       | 0.15    | 21.5        | 0.5       |

#### NOTES:

- 1) Ipk is the instantaneous current that typically drops the inductance by 30%.
- 2) SRF values are typical.
- 3) Operating temperature range -40°C to (see "Y" in note #4).
- 4) Part number PM-RXYZZZ
  - X: Family
  - Y: 0=sleeving (+125°C); 9=without sleeving (+155°C)
  - Z: Inductance
- 5) Available in higher temperature ratings.

