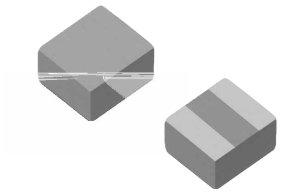
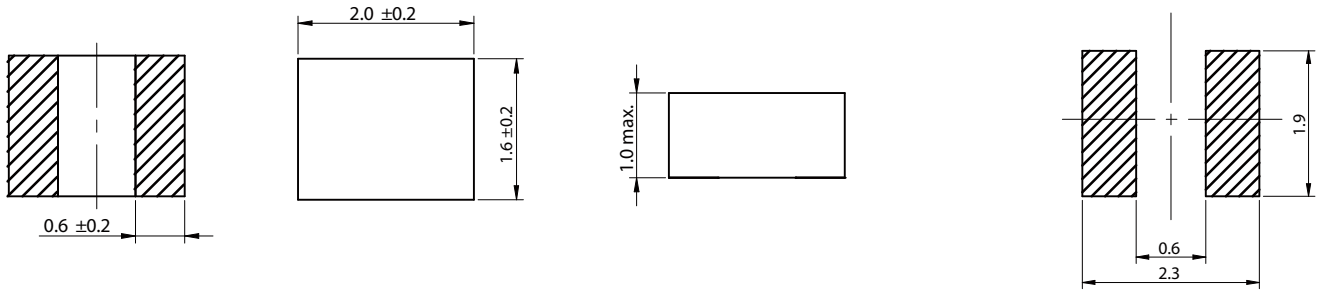
# SPM Series



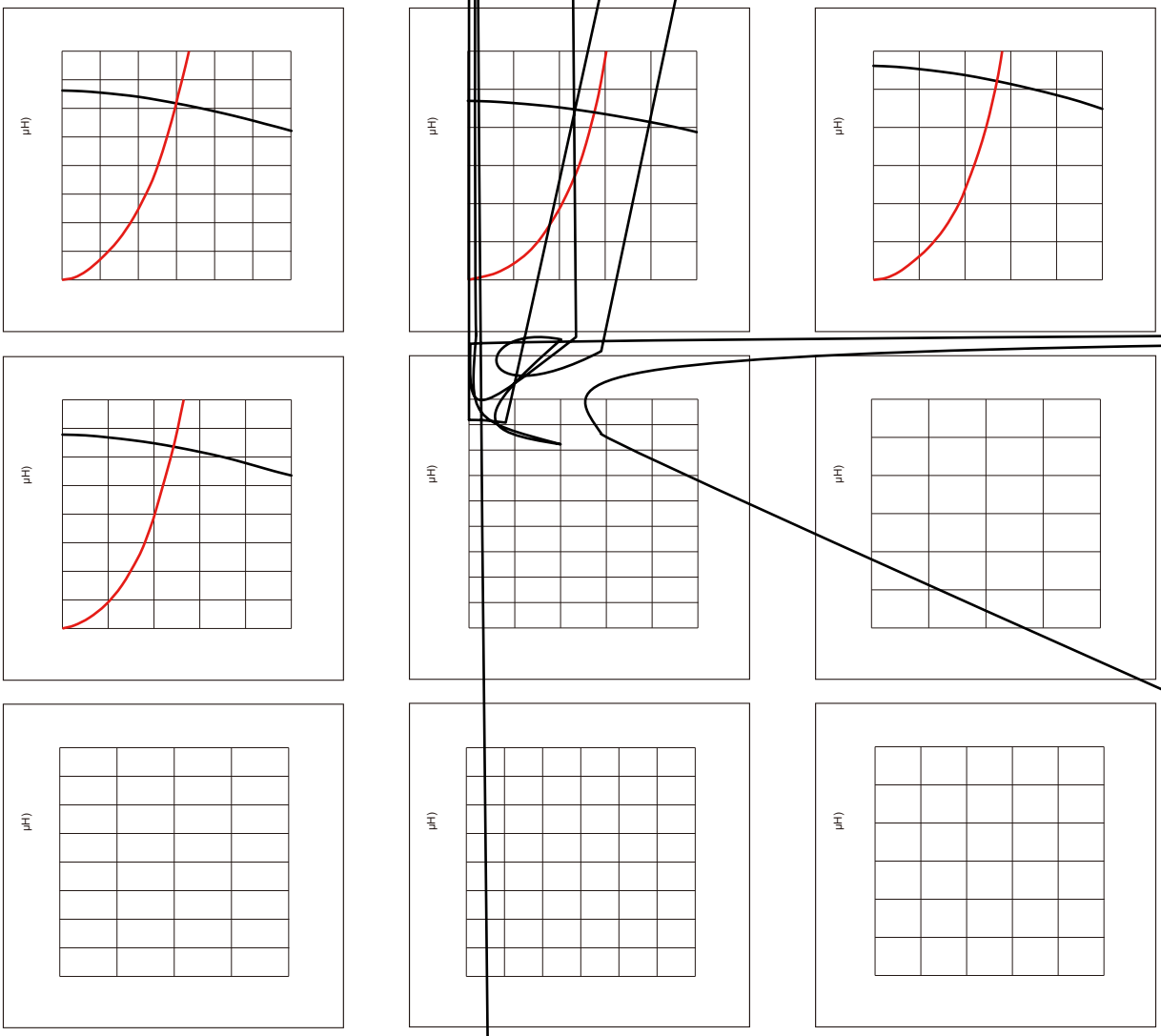
## CHARACTERISTICS

- Large current,Low DC-resistance,High e ciency by magne c metal powder
- Low acous c noise and low leakage flux noise by shielded construc on
- Opera ng temperature: -40℃~125℃
- Quan ty: 3000 pcs/reel
- AEC-Q200 qualified




| Part No | Inductance (μH) | Tolerance | Temperature Rise Current Max. (A) | Saturation Current Max. (A) | DCR Max. (mΩ) | DCR Typ. (mΩ) |
|---|---|---|---|---|---|---|
| SPM2010-R33N | 0.33 | ± 30% | 2.50 | 4.50 | 53 | 40 |
| SPM2010-R47N | 0.47 | ± 30% | 2.30 | 4.40 | 63 | 49 |
| SPM2010-R56N | 0.56 | ± 30% | 2.10 | 4.10 | 73 | 56 |
| SPM2010-R68N | 0.68 | ± 30% | 2.00 | 4.00 | 84 | 65 |
| SPM2010-R82N | 0.82 | ± 30% | 1.90 | 3.30 | 92 | 71 |
| SPM2010-1R0M | 1.0 | ± 20% | 1.80 | 3.20 | 104 | 86 |
| SPM2010-1R2M | 1.2 | ± 20% | 1.50 | 2.90 | 136 | 114 |
| SPM2010-1R5M | 1.5 | ± 20% | 1.30 | 2.50 | 180 | 150 |
| SPM2010-2R2M | 2.2 | ± 20% | 1.10 | 1.90 | 270 | 225 |

Temperature rise current: the actual value of DC current when the temperature rise is ΔT40℃
Satura on Current that will cause ini al inductance to drop approximately 20%




**KOHER Electronic**
**4546 BATES DRIVE, YORBLINDA CA 92886 USA**
**714-325-4789  Contact@kohergroup.com**