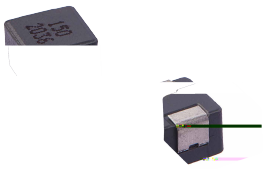
**MD Series**

SMD Low Profile High Current Molded Inductor

Size 7024

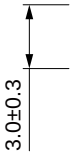


**CHARACTERISTICS**

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Land Pattern: [mm](A)14 0-5

**(mΩ)**




Electrical Properties:

| | Inductance @ 100KHz/1V (μH) | | |
|---|---|---|---|
| MD7024-R10N | 0.10 | ±30% | 1.4 |
| MD7024-R15N | 0.15 | ±30% | 1.8 |
| MD7024-R22M | 0.22 | ±20% | 2.0 |
| MD7024-R33M | 0.33 | ±20% | 3.6 |
| MD7024-R36M | 0.36 | ±20% | 3.8 |
| MD7024-R47M | 0.47 | ±20% | 4.8 |
| MD7024-R56M | 0.56 | ±20% | 5.5 |
| MD7024-R68M | 0.68 | ±20% | 6.4 |
| MD7024-R82M | 0.82 | ±20% | |
| MD7024-1R0M | 1.00 | ±20% | |
| MD7024-1R5M | 1.50 | ±20% | |
| MD7024-2R2M | 2.20 | ±20% | |
| MD7024-3R3M | 3.30 | ±20% | |
| MD7024-4R7M | 4.70 | ±20% | |
| MD7024-5R6M | 5.60 | ±20% | |
| MD7024-6R8M | 6.80 | ±20% | |
| MD7024-8R2M | 8.20 | ±20% | |



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**021-34753361 Contact@kohergroup.com**

| | | Tolerance | Temperature Rise Current Typ. (A) | | | |
|---|---|---|---|---|---|---|
| MD7024-100M | 10.0 | ±20% | 3.2 | 5.0 | 92 | 101 |
| MD7024-150M | 15.0 | ±20% | 2.5 | 3.5 | 150 | 180 |
| MD7024-220M | 22.0 | ±20% | 1.8 | 3.0 | 185 | 215 |

Opera ng temperature : -40℃ ~ +125℃
Temperature rise current : The actual value of DC current when the temperature rise is ΔT40℃
Satura on Current will cause L to drop approximately 30%