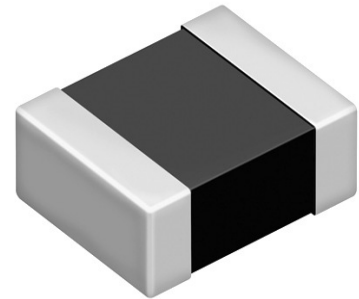


# MDT2520-CN Type

## Multilayer Ceramic chip power inductor

### DESCRIPTION

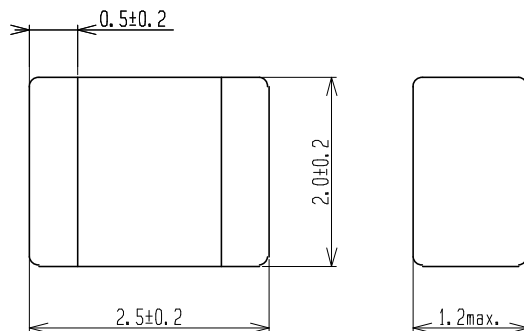
- The TOKO MDT2520-CN Series is an extremely low profile and miniature size multilayer ceramic chip power inductor with a maximum height of 1.2mm and with 2520 footprint (2.5mm×2.0mm).
- The product is magnetically shielded and designed for space constrained DC-DC converter applications in portable platforms including SmartPhone, DSC,DVC, PDA ,DVD,HDD and Handheld Computers.



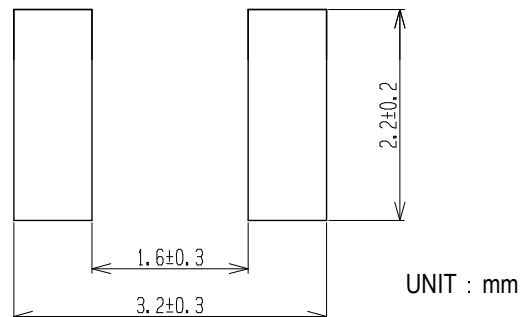
### Features

- Miniature size: 2520 footprint (2.5mm×2.0mm) and low profile(1.2mm max.height)
- Magnetically shielded
- Reflow solderable
- Lead-free product
- Operating temperature:-40 ~ 125°C

### Dimensions



### Recommended land pattern



### ● Specifications

TOKO No.	Inductance [ $\mu$ H] at 1MHz	Rdc [m $\Omega$ ]	Rated DC Current [A] *
MDT2520-CNR47MDD	0.47 $\pm$ 20%	60 $\pm$ 30%	2.50 max.
MDT2520-CN1R0MDD	1.0 $\pm$ 20%	85 $\pm$ 30%	2.15 max.
MDT2520-CN1R5MDD	1.5 $\pm$ 20%	95 $\pm$ 30%	2.05 max.
MDT2520-CN2R2MDD	2.2 $\pm$ 20%	105 $\pm$ 30%	1.95 max.
MDT2520-CN3R3MDD	3.3 $\pm$ 20%	115 $\pm$ 30%	1.90 max.
MDT2520-CN4R7MDD	4.7 $\pm$ 20%	125 $\pm$ 30%	1.80 max.

\* The current at which a coil temperature to rise by 40°C

### Caution

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