



## SMD Power Inductors MTOP Series

### Features

- \* Ultra low profile and small size SMD
- \* Use of high-performance ferrite for excellent DC-Bias characteristics
- \* Ideal for variety of DC/DC converter inductor in LCD panel
- \* Ideal for variety of DC/DC Converter Inductor in Digital Cameras

### Applications

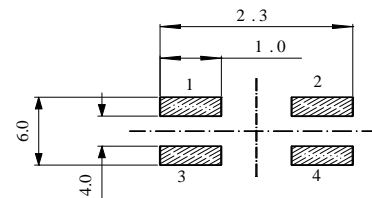
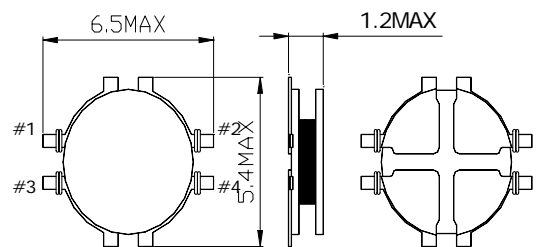
- \* Portable communication equipment
- \* Notebook PC, digital camera, LCD television set
- \* Power supply for VTR, OA equipment
- \* DC / DC converters

### Product Identifications

MTOP    □□□ - □□□    □  
(1)        (2)        (3)        (4)

- (1) Type
- (2) Dimensions
- (3) Inductance
- (4) Tolerance

### Shapes and Dimensions





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### Electrical Characteristics

### MTOP 6552

Part number	Inductance ( $\mu$ H)	Test Frequency	DC Resistance ( $\Omega$ ) MAX.	Rated Current (A) MAX.
MTOP6552-2R2□	2.2 $\pm$ 20%	2.52MHz	0.118	1.20
MTOP6552-3R3□	3.3 $\pm$ 20%	2.52MHz	0.186	0.96
MTOP6552-4R7□	4.7 $\pm$ 20%	2.52MHz	0.248	0.90
MTOP6552-5R6□	5.6 $\pm$ 20%	2.52MHz	0.268	0.85
MTOP6552-6R8□	6.8 $\pm$ 20%	2.52MHz	0.288	0.80
MTOP6552-100□	10 $\pm$ 20%	2.52MHz	0.444	0.70
MTOP6552-150□	15 $\pm$ 20%	2.52MHz	0.552	0.60
MTOP6552-220□	22 $\pm$ 20%	2.52MHz	0.802	0.50
MTOP6552-330□	33 $\pm$ 20%	2.52MHz	1.320	0.402
MTOP6552-470□	47 $\pm$ 20%	2.52MHz	1.656	0.34

□ Tolerance : J =  $\pm$  5% , K =  $\pm$  10% , L =  $\pm$  15% , M =  $\pm$  20% , N =  $\pm$  30%