



## SMD Common Mode Chock MTRID Series

### Features

- \* Dual-winding configuration
- \* An excellent TPA/TPB impedance balance is ensured due to winding on a single core
- \* Re-flow solderable

### Applications

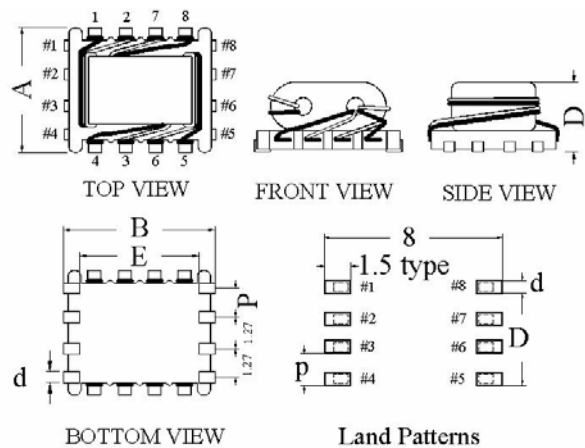
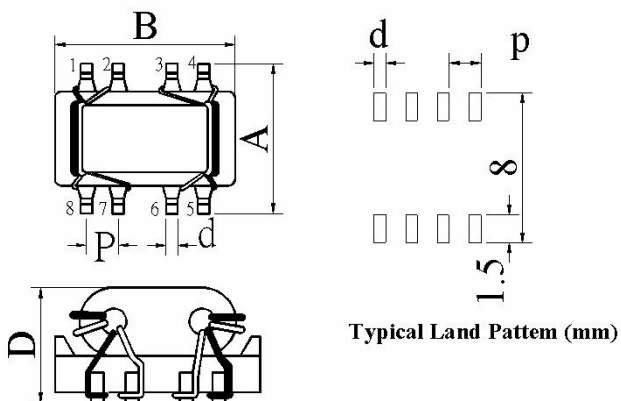
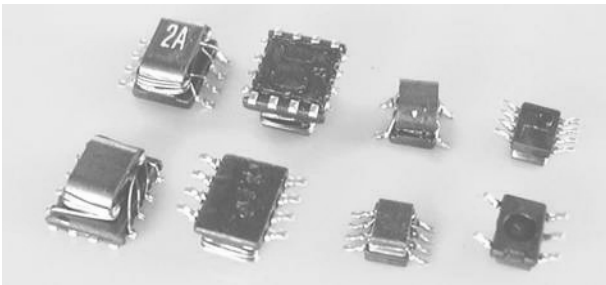
- \* Portable communication equipment
- \* Notebook PC, digital camera, LCD television set
- \* Power supply for VTR, OA equipment
- \* DC / DC converters

### Product Identifications

MTRID    □□□□ - □PIN  
 (1)        (2)        (3)

- (1) Type
- (2) Dimensions
- (3) Number of PIN

### Shapes and Dimensions





## SMD Common Mode Chock MTRID Series

TYPE	A	B	D	E	P	d
MTRID6560-8PIN	6.50mm MAX	6.00mm MAX	3.30mm MAX	/	1.30±0.20mm	0.50±0.20mm
MTRID6560-16PIN	6.00mm MAX	6.80mm MAX	3.80mm MAX	4.70mm REF	1.27mm REF	0.45mm REF
MTRID5050-8PIN	5.0±0.3mm	4.20mm MAX	2.10mm MAX	/	0.80±0.20mm	0.30±0.20mm

### Electrical Characteristics

Part number	Impedance ( $\Omega$ ) @ 100 MHz	Impedance ( $\Omega$ ) @ 300 MHz	DC Resistance ( $\Omega$ ) MAX.	Rated Current (A) MAX.
MTRID6560-900-8PIN	90±20% $\Omega$	-	-	0.50
MTRID6560-201-8PIN	100 $\Omega$ MIN	300 $\Omega$ MIN	0.012	0.50
MTRID6560-301-8PIN	225 $\Omega$ MIN	450 $\Omega$ MIN	0.120	0.50
MTRID6560-501-8PIN	375 $\Omega$ MIN	550 $\Omega$ MIN	0.030	0.50
MTRID6560-900-16PIN	90 $\Omega$ MIN	120 $\Omega$ MIN	0.012	0.50
MTRID6560-201-16PIN	100 $\Omega$ MIN	130 $\Omega$ MIN	0.120	0.50
MTRID6560-301-16PIN	220 $\Omega$ MIN	140 $\Omega$ MIN	0.300	0.65
MTRID6560-501-16PIN	375 $\Omega$ MIN	550 $\Omega$ MIN	0.120	0.50
MTRID5050-900-8PIN	70 $\Omega$ MIN	90 $\Omega$ MIN	-	-
MTRID5050-201-8PIN	160 $\Omega$ MIN	230 $\Omega$ MIN	-	-
MTRID5050-301-8PIN	300 $\Omega$ MIN	-	-	-
MTRID5050-501-8PIN	450 $\Omega$ MIN	-	-	-