

MT-52600_{SERIES}

Surface Mount Common Mode Chokes

MINNTRONIX

Wind Up the Best®

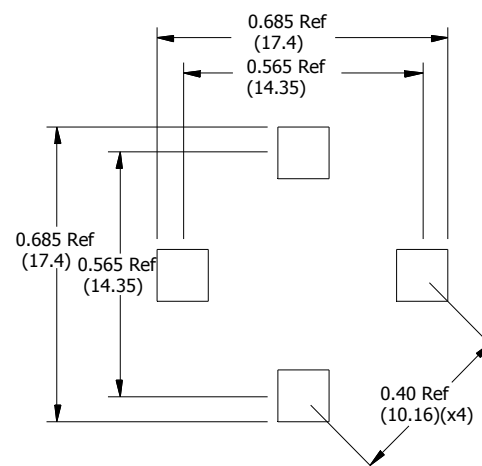
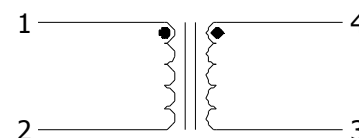
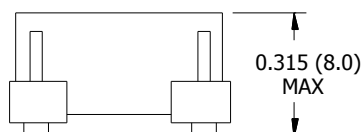
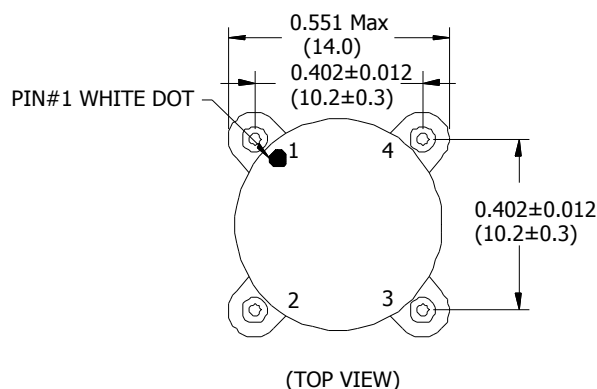


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- Flat top, SMD with excellent terminal coplanarity
- Operating temperature range 0°C to +105°C
- Withstanding voltage: 500Vac
- Maximum power dissipation at 25°C is 0.605 watts

Mechanical Dimensions:



RECOMMENDED PCB LAYOUT

UNIT: Inch (mm)

Electrical Specifications at 25°C

Part Number	Inductance ^{1,2} +35% / -30%uH	DCR ¹ (Ω max)	Current Rating ³ (Arms max)	Leakage Inductance ⁴ (uH Typ.)
MT-52601	100	0.006	7.00	0.7
MT-52602	150	0.010	5.50	1.0
MT-52603	220	0.012	5.00	1.4
MT-52604	330	0.017	4.00	1.8
MT-52605	500	0.024	3.30	2.2
MT-52606	750	0.035	2.70	3.0
MT-52607	1000	0.049	2.20	4.0
MT-52608	1200	0.068	1.70	5.0
MT-52609	1800	0.106	1.40	5.5
MT-52610	2200	0.150	1.10	7.0
MT-52611	3300	0.210	0.85	9.5
MT-52612	5000	0.320	0.70	14.0
MT-52613	7500	0.640	0.44	22.0
MT-52614	10000	0.900	0.33	29.0

1. Inductance and DCR in table is for either L1 or L2
2. Inductance tested at 10kHz
3. ΔT = 40°C rise typ. at rated current
4. Leakage Inductance tested at L1 with L2 shorted or at L2 with L1 shorted

Specifications subject to change. Custom versions of any Minntronix Products are available upon request.

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