

Wire Wound Type Common Mode Filter

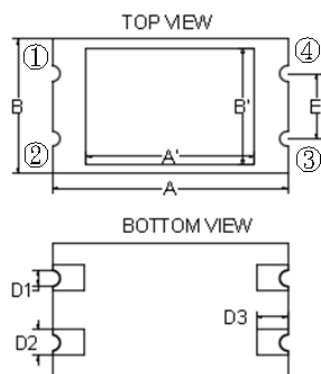
ACM9152-SERIES-L

1. Features

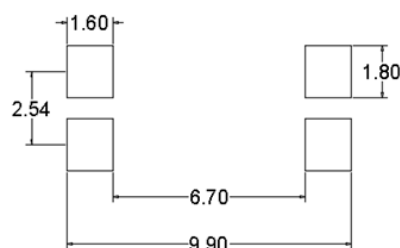
1. Common mode filters for telecom applications
2. 100% Lead (Pb) & Halogen-Free and RoHS compliant.
3. High impedance to minimize common mode noise
4. Excellent EMI performance.
5. Operating temperature -40~+105°C (Including self - temperature rise)
6. High reliability -Reliability tests comply with AEC-Q200.



2. Dimension



Recommended PC Board Pattern



Series	A(mm)	A'(mm)	B(mm)	B'(mm)	C(mm)	C'(mm)	D1(mm)	D2(mm)	D3(mm)	E(mm)
ACM9152-L44	9.10±0.20	4.50±0.20	5.17±0.20	3.20±0.20	3.80±0.20	2.80±0.20	0.60±0.10	1.00±0.10	1.20±0.10	2.50±0.20

Series	A(mm)	A'(mm)	B(mm)	B'(mm)	C(mm)	C'(mm)	D1(mm)	D2(mm)	D3(mm)	E(mm)
ACM9152-L46	9.10±0.20	6.50±0.30	5.17±0.20	4.50±0.20	3.80±0.20	2.70±0.20	0.60±0.10	1.00±0.10	1.20±0.10	2.50±0.20

3. Part Numbering

ACM 9152 - 5R0 T 12 - L44

A B C D E F

A: Series

B: Dimension

C: Inductance 5R0=5.0uH

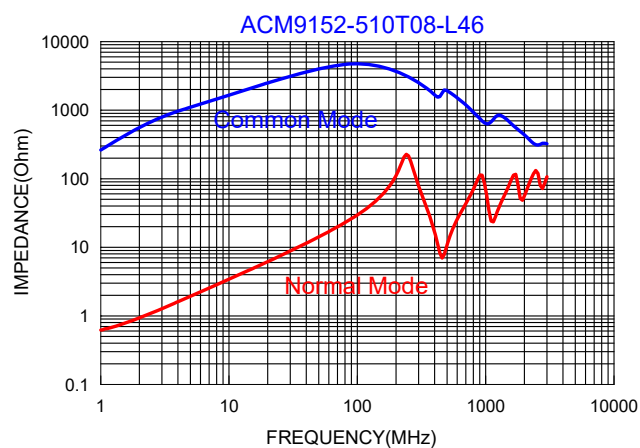
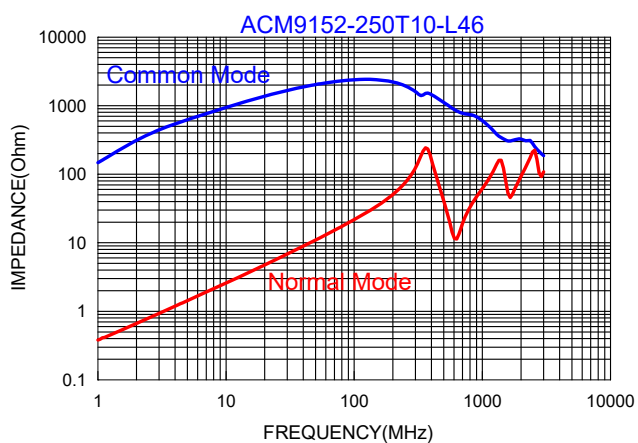
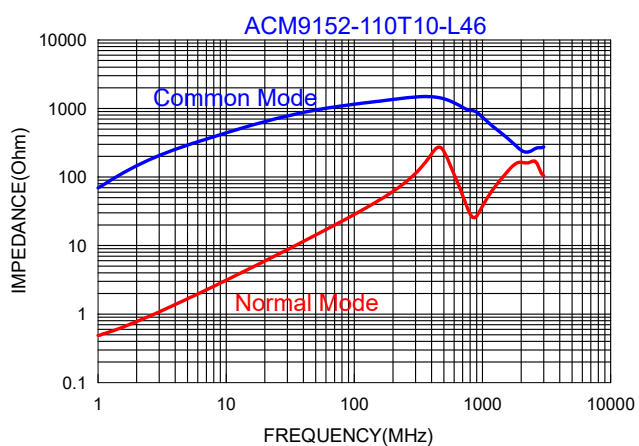
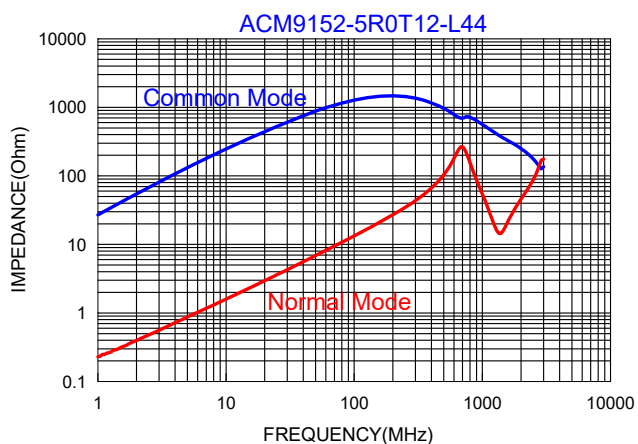
D: Packaging T=Taping and Reel

E: Rated Current 12=1.2(A)

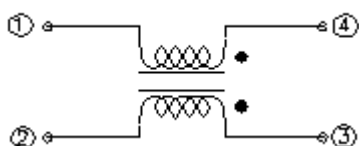
F: Control S/N

4. Specification

TAI-TECH Part Number	Inductance (μ H)±30% [100kHz/0.1V] (1-4)(2-3)	DC Resistance (Ω) (1-4)(2-3)	Rated Current (A) max.	L _{Stray, typ.} (nH)	V _{test} V DC,2s
ACM9152-5R0T12-L44	5.0	0.06 typ.	1.2	40	250
ACM9152-110T10-L46	11.0	0.08 typ.	1.0	50	250
ACM9152-250T10-L46	25.0	0.11 typ.	1.0	60	250
ACM9152-510T08-L46	51.0	0.30 typ.	0.8	70	250

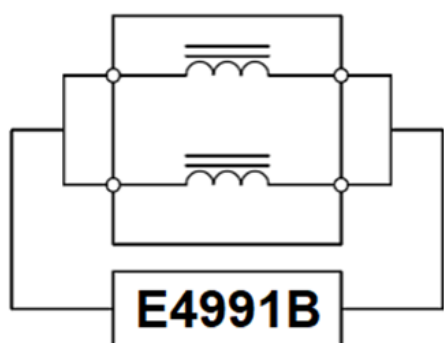


5. Schematic Diagram



6. MEASURING CIRCUITS 2LINE

Common mode



Differential mode

