

# Wire Wound Type Common Mode Filter

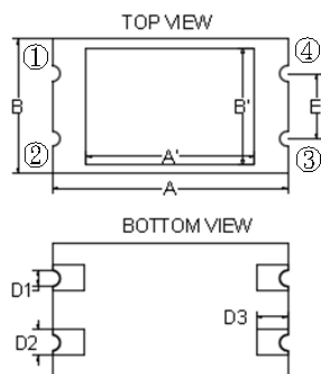
ACM9152-SERIES-L

## 1. Features

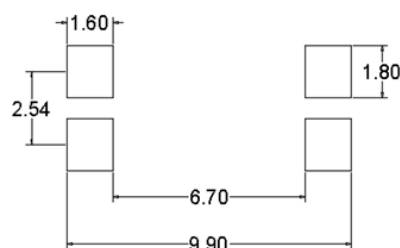
1. Common mode filters for telecom applications
2. 100% Lead (Pb) & Halogen-Free and RoHS compliant.
3. High impedance to minimize common mode noise
4. Excellent EMI performance.
5. Operating temperature-40~+105°C (Including self - temperature rise)
6. High reliability -Reliability tests comply with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

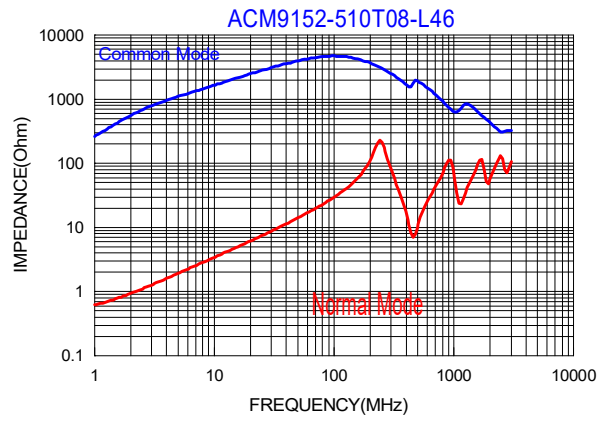
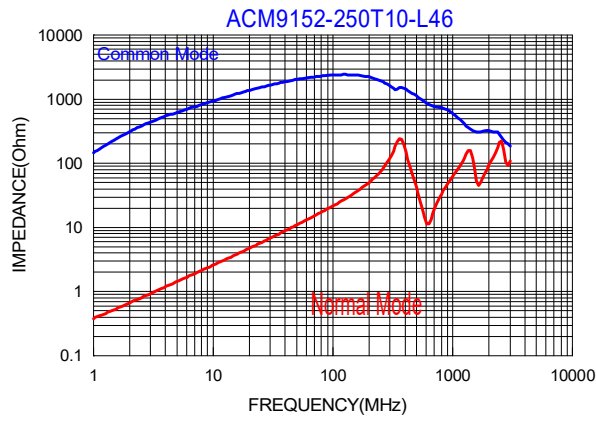
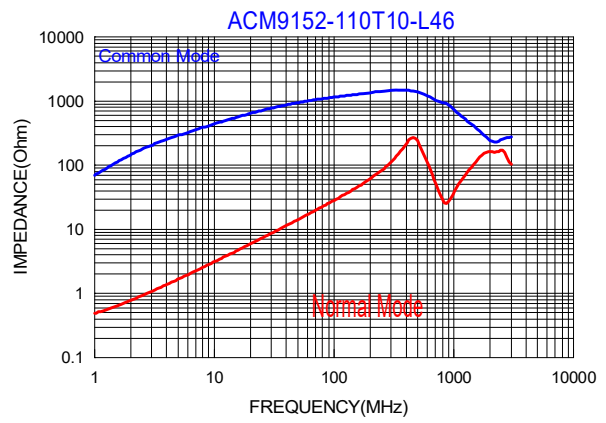
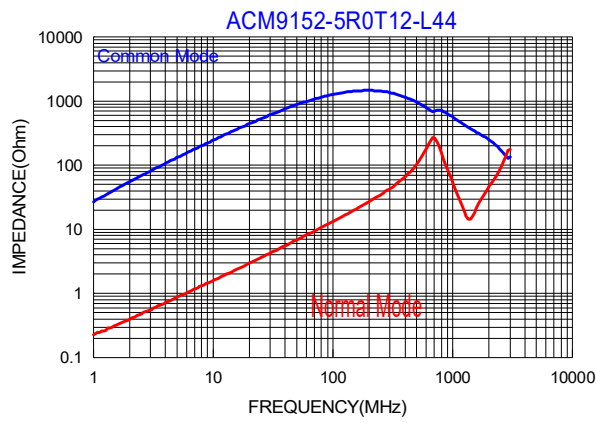
ACM
9152
-
5R0
T
12
-
L44

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 ( $\mu$ H)±30% [100kHz/0.1V] (1-4)(2-3)	DC Resistance ( $\Omega$ ) (1-4)(2-3)	Rated Current (A) max.	L <sub>Stray, typ.</sub> (nH)	V <sub>test</sub> 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**

