

EMI/EMC FILTER

ES1 SERIES



30A :        

FEATURES

- Remarkable attenuation for high voltage impulse.
- Good shield effect by using metal case.
- Excellent filtering characteristics for both differential mode and common mode.
- Epoxy molded for reliability.
- Bidirectional structure effective for both noise from externally and internally generated.

APPLICATIONS

- Digital equipments.
- Mini computers and peripherals.
- Measuring instruments, medical instruments.
- For equipment requiring very high impulse attenuation.
- Suitable for FA equipments.
- Industrial equipments like UPS, inverters, Converters.
- Communication equipments.
- OA equipments like copy machine, FAX, etc..

SPECIFICATIONS

Model	Rated Voltage (AC,DC)	Rated Current	Operating Temperature
ES1-F05, T05	250V	5A	-25°C to + 85°C Including temperature rise
ES1-F08, T08	250V	8A	
ES1-F10, T10	250V	10A	
ES1-F15, T15	250V	15A	
ES1-F20-B, T20	250V	20A	
ES1-T30	250V	30A	

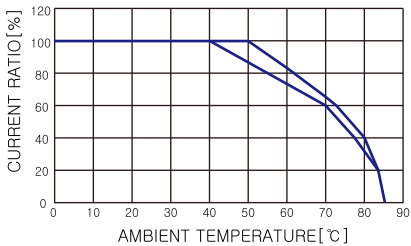
● Many variations in X and Y capacitor value are available with approvals.
For the details, consult with local agent.

Note : Test Voltage : 1500V AC one minute, line to earth.
Insulation Resistance : 300 Mohm min. at 500V DC.
Leakage Current : 0.5mA max.
Voltage Drop : 1V max. at rated current.
Weight : 250g for ES1-Series except 720g for ES1-T30.

■ Model Number Construction

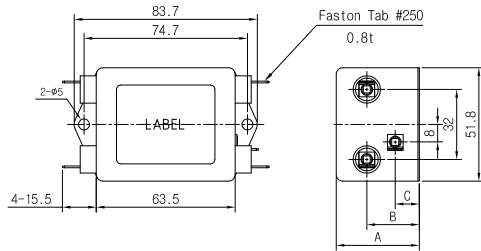
ES1	T	05
Series Description	Input/Output Terminal style F : Faston Tab #250 T : M4 Stud M5 Stud(ES1-T30 Only)	Current Rating:AC rms 05:5 amp, 08:8 amp 10:10 amp, 15:15 amp 20:20 amp, 30:30 amp

Derating Curve

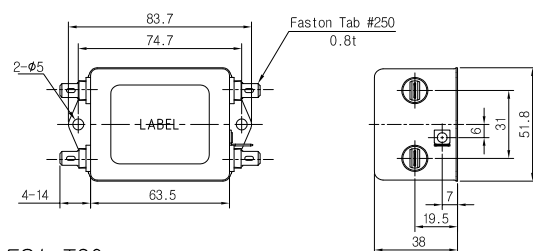


Shapes and Dimensions

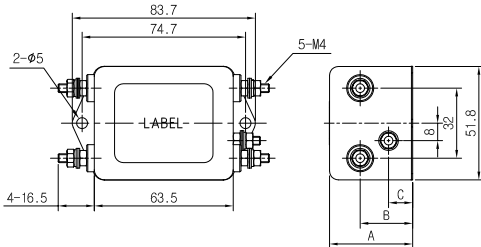
* ES1-F**



* ES1-F20-B



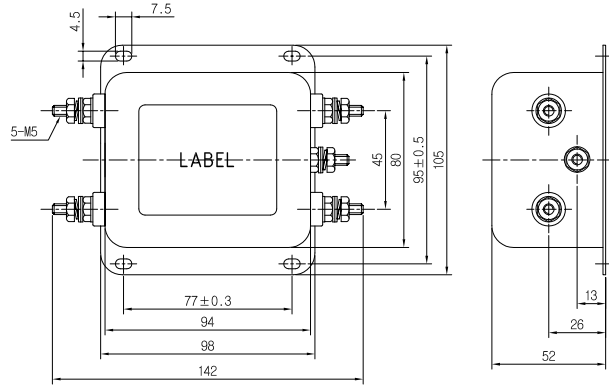
* ES1-T**



MODEL	A	B	C
ES1-10, 15, 20	38	24	11
ES1-05, 08	32	20	8

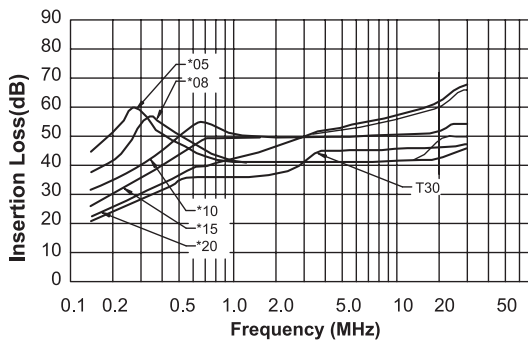
* Unit : mm
* General tolerance : ± 1.0
* Metal Case

* ES1-T30

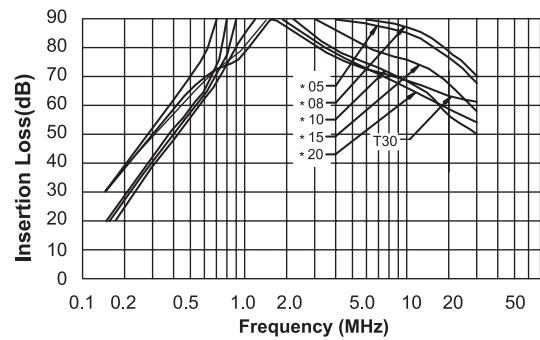


Attenuation Characteristics

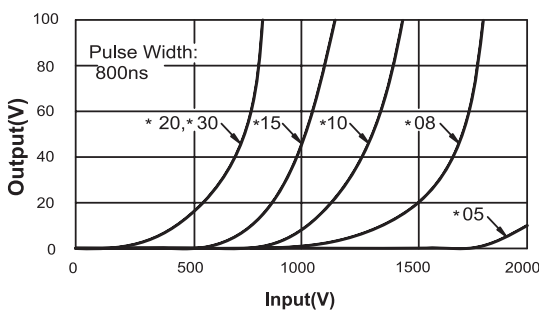
Common Mode (ES1-(05,08,20,T30)types)



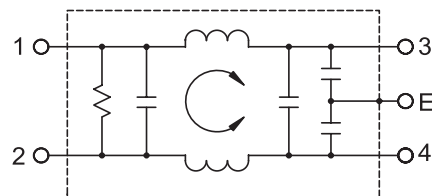
Differential Mode (ES1-(05,08,20,T30)types)



Impulse Characteristics



● Circuit Diagram



● Measurement configuration

