

EMI/EMC FILTER

DS1 SERIES



FEATURES

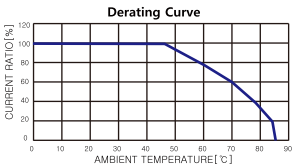
- Good shield effect by using metal case.
- Excellent filtering characteristics for both differential mode and common mode.
- Epoxy molded for reliability.
- Bidirectional structure effective for both noise from externally and internally generated.
- Compact and economical.

APPLICATIONS

- Digital equipments.
- Measuring instruments.
- OA equipments like copy machine.
- Mini computers and peripherals.
- Banking terminal.
- Suitable for FA equipments.

SPECIFICATIONS

Model	Rated Voltage (AC,DC)	Rated Current	Leakage Current (250V AC)	Operating Temperature
DS1-T03, F03	250V	3A	0.5mA max.	-25°C to + 85°C Including temperature rise
DS1-T05, F05	250V	5A	0.5mA max.	
DS1-T08, F08	250V	8A	0.5mA max.	
DS1-T10, F10	250V	10A	0.5mA max.	



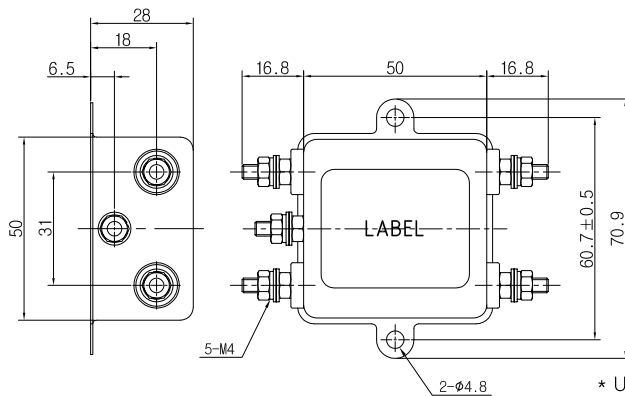
Note : Test voltage : 1500V AC one minute, line to earth.
Insulation Resistance: 300 Mohm min. at 500 VDC .
Voltage Drop : 1V max. at rated current.
Weight : 150g

■ Model Number Construction

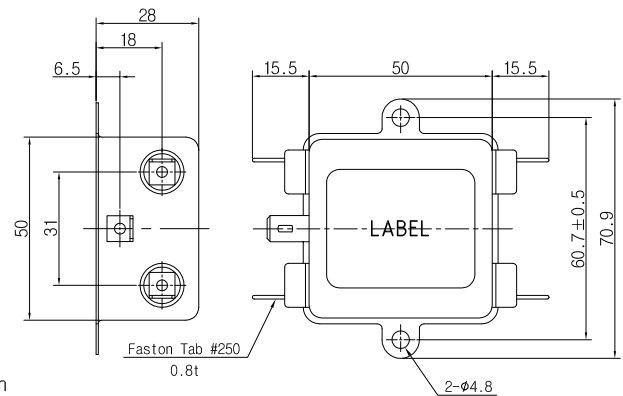
DS1	T	03
Series Description	Input/Output Terminal style F : Faston Tab #250 T : M4 Stud	Current Rating:AC rms 03 : 3 amp, 05 : 5 amp 08 : 8 amp, 10 : 10 amp

Shapes and Dimensions

* DS1-T**



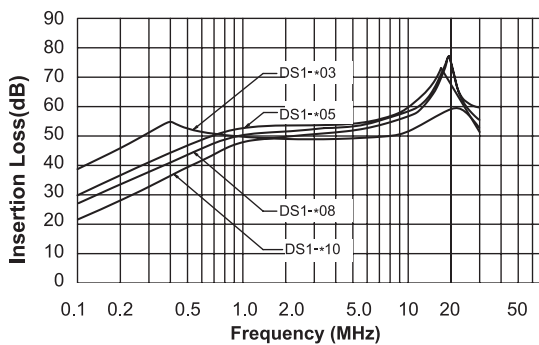
* DS1-F**



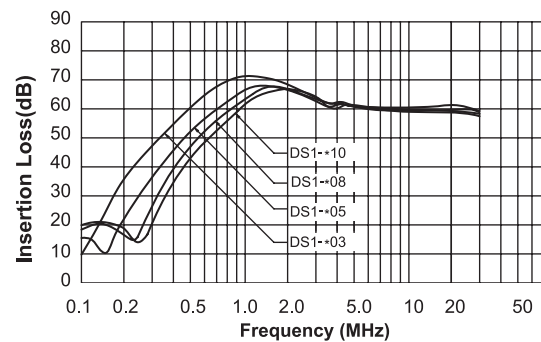
* Unit : mm
 * General tolerance : ±1.0
 * Metal Case

Attenuation Characteristics

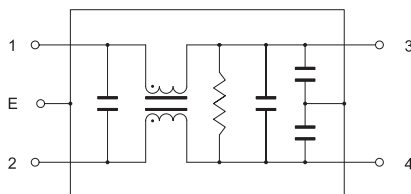
● Common Mode



● Differential Mode



● Circuit Diagram



● Measurement configuration

