EMI/EMC FILTER

DS1 SERIES





FEATURES

- Suitable for the products that must conform to FCC,FTZ.
- •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.

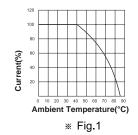
SPECIFICATIONS

Model	Rated Voltage (AC,DC)	Rated Current	Temperature Rise	Operating Temperature
DS1-T03, F03	250V	3A	45°C max.	-25°C to + 85°C Including temperature rise ** Fig.1
DS1-T05, F05	250V	5A	45°C max.	
DS1-T08, F08	250V	8A	45°C max.	
DS1-T10, F10	250V	10A	45°C max.	

Note: All types are designed to meet the requirement of UL 1283, CSA 22.2, IEC 133200 : 1999 K60939 Test voltage: 1500V AC one minute, line to earth.

Insulation Resistance: 300 Mohm min. at 500 VDC

Leakage Current : 0.5mA max. Voltage Drop : 1V max. at rated current. Discharge time : 0.4sec max. Weight : 150g



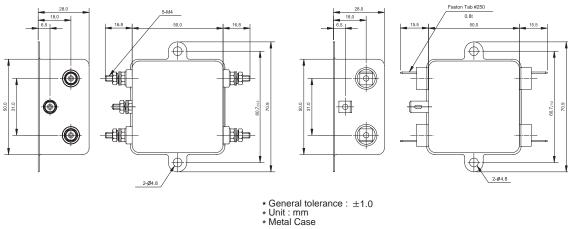
■ Model Number Construction

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

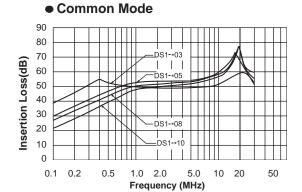
Shapes and Dimensions

DS1-T * *

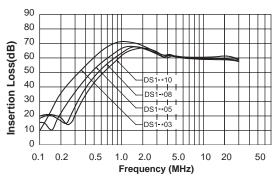
DS1-F * *



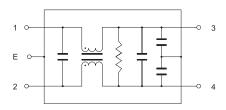
Attenuation Characteristics



Differential Mode



Circuit Diagram



Measurement configuration

