

EMI/EMC FILTER

ES3 SERIES



FEATURES

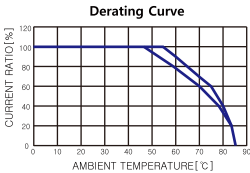
- Good shield effect by using metal case.
- Excellent filtering characteristics for both differential mode and common mode.
- Two stage for excellent filtering characteristics.
- Epoxy molded for reliability.
- Bidirectional structure effective for both noise from outside and internally generated.

APPLICATIONS

- Digital equipments.
- Measuring and testing instruments.
- Communication equipments.
- For equipments requiring very high noise attenuation.

SPECIFICATIONS

Model	Rated Voltage (AC,DC)	Rated Current	Operating Temperature
ES3-F03-14(7)	250V	3A	-25°C to + 85°C Including temperature rise
ES3-F05-14(7)	250V	5A	

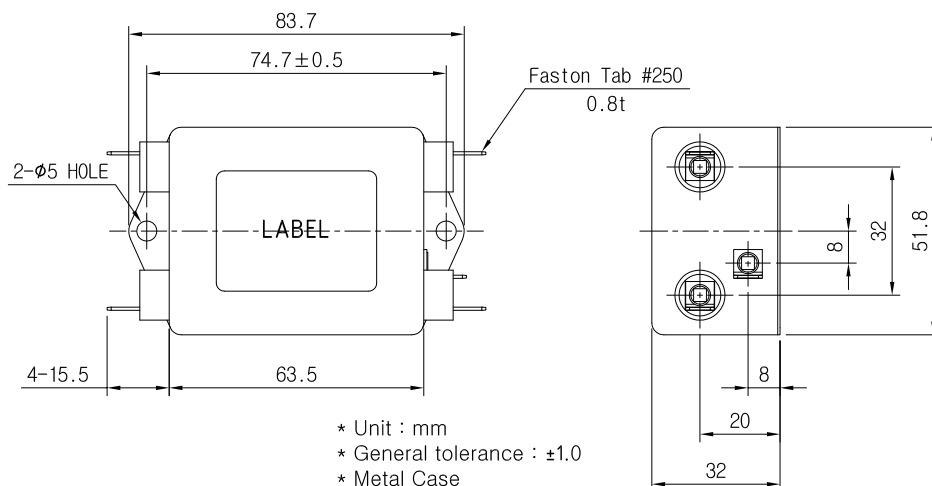


Note : Test Voltage : 1500V AC one minute, line to earth
Insulation Resistance : 300Mohm min. at 500VDC
Leakage Current : 0.75mA max.
Voltage Drop : 1V max. at rated current
Weight : 170g

■ Model Number Construction

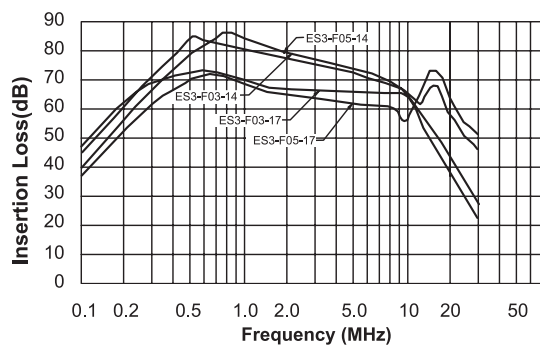
ES3	F	03	1	4
Series Description	Input/Output Terminal style F : Faston Tab #250	Current Rating:AC rms 03:3 amp 05:5 amp	Line-Line Cap. Value 1 : 3 × 0.1 μ F	Line-Gnd. Cap. Value 4 : 2 × 4700 pF 7 : 2 × 3300 pF+2 x 1000 pF (See Circuit Diagram next page)

Shapes and Dimensions

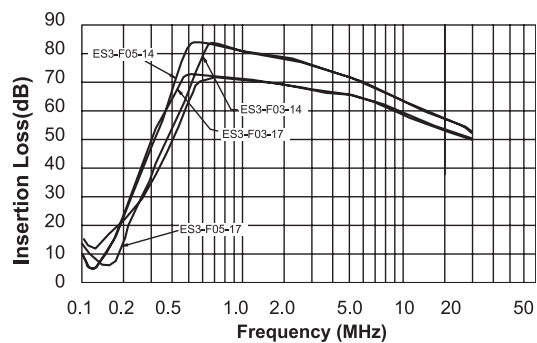


Attenuation Characteristics

● Common Mode

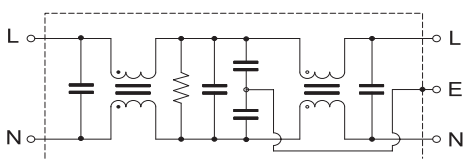


● Differential Mode

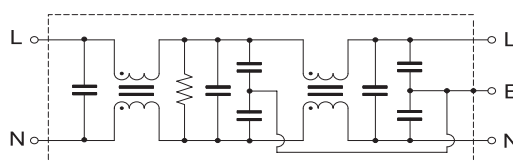


● Circuit Diagram

ES3-F**-14 type



ES3-F**-17 type



● Measurement configuration

