

Overview

FNC Cylindrical Case Filters are compact, plastic case EMI filters that feature a high level of performance in a small form factor. Two current ratings of 10 A and 16 A are offered, along with low-cost encapsulation and faston terminals for quick connection.

Applications

Typical applications include consumer goods, domestic appliances, vending machines, and other business equipment.

Technical Specifications

Item	Parameters/ Characteristics
Rated Voltage	275 VAC
Rated Frequency	50 – 60 Hz
Rated Current	10 and 16 A
Rated Temperature	40°C
Temperature Range	-25°C to +85°C
Climate Category	25/085/21
Voltage Test	P → P 1,700 VDC P → E 3,000 VDC



Approvals

The FNC is designed according to IEC/EN/UL 60939 and is approved according to UL1283.

Standard	Certification Body	File Number
UL 1283 5th Edition	UL	E192374
CSA C22.2 No. 8	UL	E192374

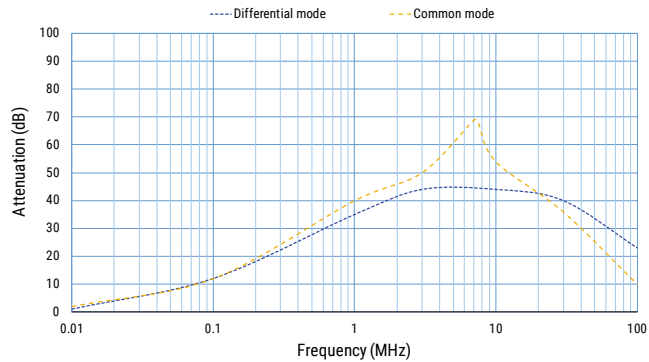
Environmental Compliance

KEMET EMI filters are RoHS Compliant.

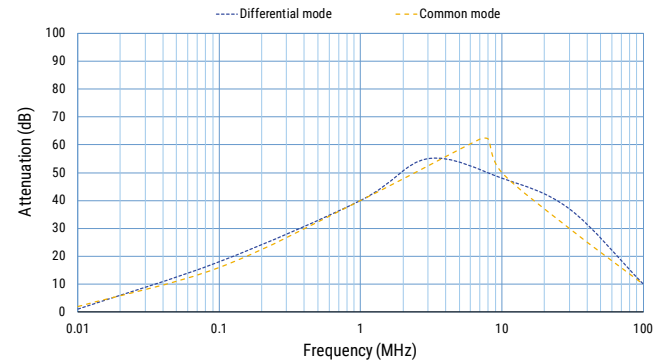


Typical Insertion Loss

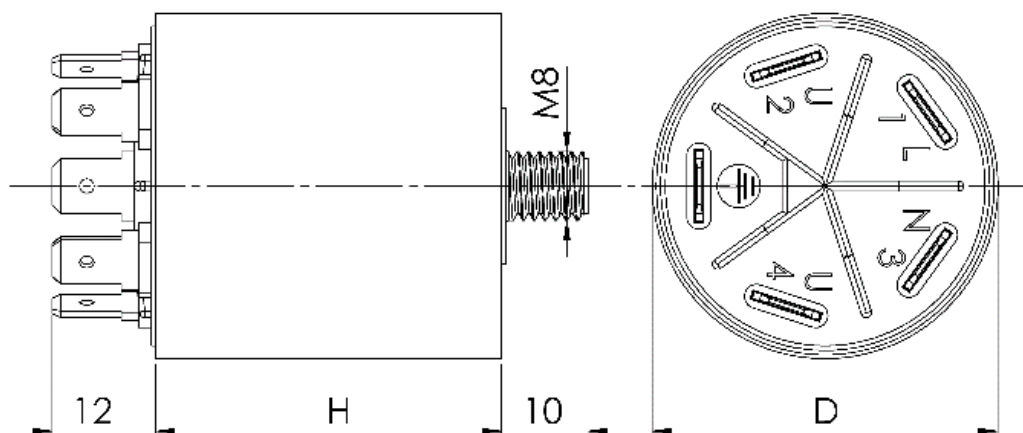
10 A



16 A



Mechanical Dimensions – Millimeters



Part Number	Dimensions		Weight (g)
	D (mm)	H (mm)	
FNC1005154472A	40	40	65
FNC1005154103A	40	40	70
FNC1005474273A	40	40	75
FNC1610474472A	40	50	105
FNC1610474103A	40	50	110
FNC1610474273A	40	50	115

- Self-extinguishing plastic case
- Sealed with self-extinguishing resin
- 5 faston 6.3 x 0.8 mm terminals
- Plastic fixing stud M8 x 10 mm

Tolerances, if not stated, according to ISO 2768-c.

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