# SS7 series HOME APPLIANCE SUPPRESSION FILTER

WITH STUD TYPE

## Feature

1. Current Rating from 10 to 16Amps
2. Design to home appliances and equipment
3. High performance & compact suppression filter design
4. Different performance apply to your options
5. Easy to install

## Ordering information

□□SS7D-S□-□
1 2 3

1--- Rating ▸▸ 10 , 16
ex. 16 means 16Amps

2--- Components ▸▸ See components table

3--- Terminal ▸▸ Q; Fast-on , W; wire

## Components table

### Min. Insertion loss (dB) in 50 ohm system

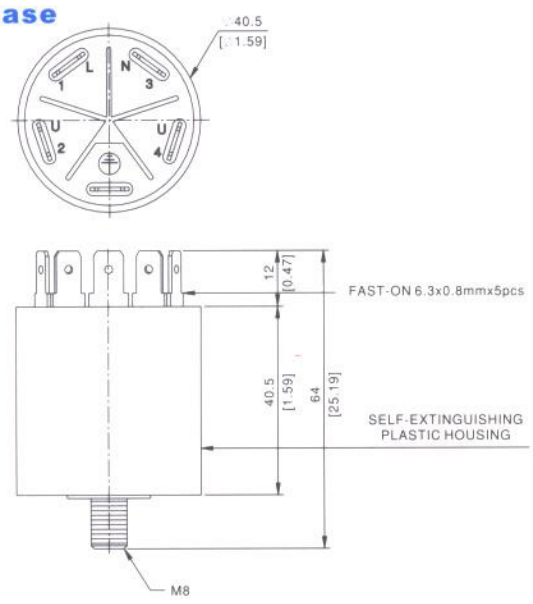
| P/N | L(mHx2) | R(Ω) | Cx(uF) | Cy(pF) | Cylinder Case | Comm. Mode(L-G) in MHz | | | | | | Diff. Mode(L-L) in MHz | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | .15 | .5 | 1 | 5 | 10 | 30 | .15 | .5 | 1 | 5 | 10 | 30 |
| 10SS7D-SA | 0.5 | 1.0M | 0.15 | 4700 | A | 16 | 25 | 30 | 42 | 47 | 29 | 11 | 22 | 29 | 42 | 33 | 22 |
| 10SS7D-SB | 0.5 | | | 10000 | | 17 | 30 | 36 | 51 | 53 | 33 | 11 | 22 | 30 | 41 | 39 | 24 |
| 10SS7D-SC | 1.6 | 0.68M | 0.47 | 10000 | | 22 | 35 | 50 | 40 | 48 | 25 | 25 | 38 | 44 | 60 | 56 | 37 |
| 10SS7D-SD | 0.5 | | | 25000 | | 22 | 34 | 49 | 45 | 36 | 24 | 23 | 38 | 46 | 59 | 46 | 33 |
| 10SS7D-SE | 0.5 | | | 27000 | | 22 | 34 | 49 | 40 | 36 | 24 | 24 | 40 | 47 | 61 | 46 | 36 |
| 10SS7D-SF | 0.5 | 0.33M | 1.0 | 2700 | B | 28 | 44 | 46 | 33 | 30 | 24 | 15 | 22 | 26 | 36 | 46 | 33 |
| 10SS7D-SG | 2.0 | | | 2700 | | 28 | 45 | 48 | 40 | 38 | 22 | 25 | 31 | 34 | 44 | 51 | 36 |
| 16SS7D-SH | 1.0 | 1.0M | 0.25 | 27000 | | 16 | 28 | 36 | 57 | 43 | 24 | 16 | 28 | 36 | 59 | 43 | 24 |
| 16SS7D-SI | 1.0 | 0.47M | 0.68 | 27000 | | 25 | 39 | 53 | 46 | 40 | 24 | 30 | 45 | 52 | 61 | 52 | 33 |
| 16SS7D-SJ | 1.0 | 0.68M | 0.47 | 4700 | | 22 | 35 | 52 | 37 | 34 | 23 | 21 | 31 | 35 | 48 | 56 | 33 |
| 16SS7D-SK | 1.0 | | | 10000 | | 22 | 35 | 52 | 37 | 44 | 23 | 23 | 36 | 42 | 57 | 53 | 34 |
| 16SS7D-SL | 1.0 | | | 25000 | | 22 | 35 | 52 | 53 | 42 | 23 | 29 | 45 | 51 | 61 | 54 | 37 |
| 16SS7D-SM | 1.0 | | | 27000 | | 22 | 35 | 51 | 52 | 41 | 24 | 38 | 54 | 62 | 63 | 53 | 36 |

## Specification

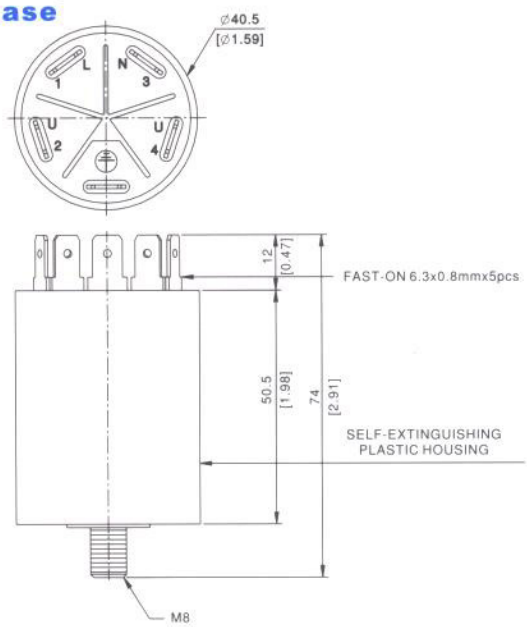
1. Max. Leakage current each
   Line to Ground @ 115VAC 60Hz : 1.25mA
   @ 250VAC 50Hz : 2.5mA
2. Hipot rating (one minute)
   Line to Ground : 2250 VDC
   Line to Line : 1450 VDC
3. Power line frequency : 50/60Hz
4. Rated Voltage : 115/250 VAC
5. Operating temp. : -25~+100°C

## Mechanical Dimension (Unit: mm / inch)

### A case




### B case






Above specification reference only, subject to change without no