



SS3 series GENERAL PURPOSE WITH GROUND CHOKE EMI/RFI FILTER

POWER INLET SOCKET WITH FUSE $\phi 5 \times 20 \text{mm}$ TYPE

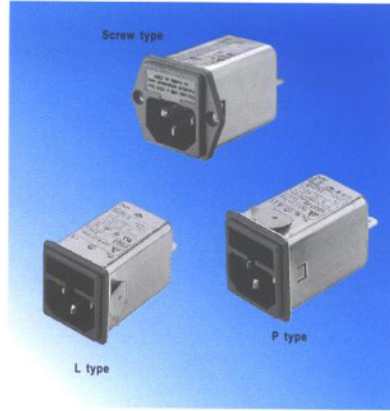
Feature

1. Full range of rating for your options
2. Optional 1 or 2 fuses($\phi 5 \times 20 \text{mm}$)
3. Better performance for high frequency

Ordering information

□□ SS3 - □□□□ G □ - □
 1 2 3 4 5 6

- 1--- Rating \rightarrow 01, 02, 03, 04, 06, 08, 10
ex. 08 means 8Amp.
- 2--- Number of Fuse
1 = single fuse
2 = double fuses
- 3--- Type of mounting \rightarrow see page 72
-(Empty) = General screw type
P = Snap-in type(up & down spring)
L = Snap-in type(left & right spring)
- 4--- Components \rightarrow see components table
- 5--- Bleeder resistor(optional) \rightarrow R; R=1M Ω
- 6--- Terminal option \rightarrow Q; Fast-on, S; solder, W; with wire



Specification

1. Max. Leakage current each
Line to Ground @ 115VAC 60Hz : 0.25mA
@ 250VAC 50Hz : 0.50mA
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~+85°C

Components table & Min. Insertion loss (dB) in 50 ohm system

| P/N | Cx(μF) | L(mHx2) | Cy(μF) | Comm. Mode(L-G) in MHz | | | | | Diff. Mode(L-L) in MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---------------------|---------|---------------------|------------------------|-----|-----|-----|-----|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|
| | | | | 15 | 5 | 1 | 5 | 10 | 30 | 15 | 5 | 1 | 5 | 10 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01SS3-SG | 0.1 | 2200 | 2200 | 6.5 | 3.8 | 2.5 | 1.6 | 0.8 | 1.05 | 0.2 | 1.9 | 1.5 | 1.1 | 0.8 | 0.6 | 0.3 | 3.7 | 2.7 | 1.8 | 1.3 | 0.8 | 1.05 | 0.3 | 10.5 | 4.2 | 2.5 | 1.7 | 1.05 | 0.3 | 4.6 | 3.4 | 2.5 | 1.4 | 0.9 | 0.3 | 9.5 | 4.3 | 1.8 | 1.2 | 0.85 | 0.3 | | | | |
| 02SS3-SG | | | | 3.4 | 2.2 | 1.5 | 0.8 | 1.0 | 0.2 | 1.9 | 1.5 | 1.1 | 0.8 | 0.6 | 0.3 | 3.7 | 2.7 | 1.8 | 1.3 | 0.8 | 1.05 | 0.3 | 10.5 | 4.2 | 2.5 | 1.7 | 1.05 | 0.3 | 4.6 | 3.4 | 2.5 | 1.4 | 0.9 | 0.3 | 9.5 | 4.3 | 1.8 | 1.2 | 0.85 | 0.3 | | | | | |
| 03SS3-SG | | | | 2.8 | 1.8 | 1.2 | 0.7 | 0.9 | 0.2 | 1.8 | 1.4 | 1.0 | 0.7 | 0.5 | 0.3 | 3.4 | 2.4 | 1.7 | 1.2 | 0.9 | 0.8 | 0.6 | 0.4 | 1.1 | 0.8 | 0.5 | 0.3 | 3.4 | 2.4 | 1.7 | 1.2 | 0.9 | 0.5 | 8.5 | 3.8 | 2.8 | 1.8 | 1.1 | 0.4 | 8.5 | 3.8 | 2.8 | 1.8 | 1.1 | 0.4 |
| 04SS3-SG | | | | 2.2 | 1.4 | 1.0 | 0.6 | 0.7 | 0.2 | 1.6 | 1.1 | 0.8 | 0.6 | 0.4 | 0.3 | 3.0 | 2.1 | 1.5 | 1.1 | 0.8 | 0.6 | 0.4 | 0.3 | 1.0 | 0.7 | 0.5 | 0.3 | 3.0 | 2.1 | 1.5 | 1.1 | 0.8 | 0.5 | 7.5 | 3.4 | 2.5 | 1.6 | 1.0 | 0.4 | 7.5 | 3.4 | 2.5 | 1.6 | 1.0 | 0.4 |
| 05SS3-SG | | | | 1.8 | 1.1 | 0.8 | 0.5 | 0.6 | 0.2 | 1.4 | 1.0 | 0.7 | 0.5 | 0.3 | 0.2 | 2.6 | 1.8 | 1.3 | 1.0 | 0.7 | 0.5 | 0.4 | 0.3 | 0.8 | 0.6 | 0.4 | 0.3 | 2.6 | 1.8 | 1.3 | 1.0 | 0.7 | 0.4 | 6.5 | 3.0 | 2.2 | 1.4 | 0.9 | 0.3 | 6.5 | 3.0 | 2.2 | 1.4 | 0.9 | 0.3 |
| 06SS3-SG | | | | 1.4 | 0.9 | 0.6 | 0.4 | 0.5 | 0.2 | 1.1 | 0.8 | 0.6 | 0.4 | 0.3 | 0.2 | 2.0 | 1.4 | 1.0 | 0.7 | 0.5 | 0.4 | 0.3 | 0.2 | 0.6 | 0.4 | 0.3 | 0.2 | 2.0 | 1.4 | 1.0 | 0.7 | 0.5 | 0.3 | 5.5 | 2.6 | 1.9 | 1.2 | 0.8 | 0.3 | 5.5 | 2.6 | 1.9 | 1.2 | 0.8 | 0.3 |
| 07SS3-SG | | | | 1.0 | 0.7 | 0.5 | 0.3 | 0.4 | 0.2 | 0.8 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 1.4 | 1.0 | 0.7 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.4 | 0.3 | 0.2 | 0.1 | 1.4 | 1.0 | 0.7 | 0.5 | 0.4 | 0.2 | 4.5 | 2.1 | 1.5 | 0.9 | 0.6 | 0.2 | 4.5 | 2.1 | 1.5 | 0.9 | 0.6 | 0.2 |
| 08SS3-SG | | | | 0.7 | 0.5 | 0.3 | 0.2 | 0.3 | 0.2 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 1.0 | 0.7 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.3 | 0.2 | 0.1 | 0.1 | 1.0 | 0.7 | 0.5 | 0.4 | 0.3 | 0.1 | 3.5 | 1.6 | 1.2 | 0.7 | 0.5 | 0.1 | 3.5 | 1.6 | 1.2 | 0.7 | 0.5 | 0.1 |
| 09SS3-SG | | | | 0.5 | 0.3 | 0.2 | 0.1 | 0.2 | 0.1 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.7 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.7 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 3.0 | 1.4 | 1.0 | 0.6 | 0.4 | 0.1 | 3.0 | 1.4 | 1.0 | 0.6 | 0.4 | 0.1 |
| 10SS3-SG | | | | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 3.0 | 1.4 | 1.0 | 0.6 | 0.4 | 0.1 | 3.0 | 1.4 | 1.0 | 0.6 | 0.4 | 0.1 |

| P/N | Cx(μF) | L(mHx2) | Cy(μF) | Comm. Mode(L-G) in MHz | | | | | Diff. Mode(L-L) in MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---------------------|---------|---------------------|------------------------|-----|-----|-----|-----|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
| | | | | 15 | 5 | 1 | 5 | 10 | 30 | 15 | 5 | 1 | 5 | 10 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01SS3-HG | 0.22 | 2200 | 2200 | 6.5 | 4.0 | 2.5 | 1.6 | 0.8 | 1.05 | 0.3 | 1.9 | 1.5 | 1.1 | 0.8 | 0.6 | 0.3 | 3.7 | 2.7 | 1.8 | 1.3 | 0.8 | 1.05 | 0.3 | 10.5 | 4.2 | 2.5 | 1.7 | 1.05 | 0.3 | 4.6 | 3.4 | 2.5 | 1.4 | 0.9 | 0.3 | 9.5 | 4.3 | 1.8 | 1.2 | 0.85 | 0.3 | | | | |
| 02SS3-HG | | | | 3.4 | 2.2 | 1.5 | 0.8 | 1.0 | 0.2 | 1.8 | 1.4 | 1.0 | 0.7 | 0.5 | 0.3 | 3.4 | 2.4 | 1.7 | 1.2 | 0.9 | 0.8 | 0.6 | 0.4 | 1.1 | 0.8 | 0.5 | 0.3 | 3.4 | 2.4 | 1.7 | 1.2 | 0.9 | 0.5 | 8.5 | 3.8 | 2.8 | 1.8 | 1.1 | 0.4 | 8.5 | 3.8 | 2.8 | 1.8 | 1.1 | 0.4 |
| 03SS3-HG | | | | 2.8 | 1.8 | 1.2 | 0.7 | 0.9 | 0.2 | 1.6 | 1.1 | 0.8 | 0.6 | 0.4 | 0.3 | 3.0 | 2.1 | 1.5 | 1.1 | 0.8 | 0.6 | 0.4 | 0.3 | 1.0 | 0.7 | 0.5 | 0.3 | 3.0 | 2.1 | 1.5 | 1.1 | 0.8 | 0.4 | 7.5 | 3.4 | 2.5 | 1.6 | 1.0 | 0.4 | 7.5 | 3.4 | 2.5 | 1.6 | 1.0 | 0.4 |
| 04SS3-HG | | | | 2.2 | 1.4 | 1.0 | 0.6 | 0.7 | 0.2 | 1.4 | 1.0 | 0.7 | 0.5 | 0.3 | 0.2 | 2.0 | 1.4 | 1.0 | 0.7 | 0.5 | 0.4 | 0.3 | 0.2 | 0.8 | 0.6 | 0.4 | 0.3 | 2.0 | 1.4 | 1.0 | 0.7 | 0.5 | 0.3 | 6.5 | 3.0 | 2.2 | 1.4 | 0.9 | 0.3 | 6.5 | 3.0 | 2.2 | 1.4 | 0.9 | 0.3 |
| 05SS3-HG | | | | 1.8 | 1.1 | 0.8 | 0.5 | 0.6 | 0.2 | 1.1 | 0.8 | 0.6 | 0.4 | 0.3 | 0.2 | 1.6 | 1.1 | 0.8 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 1.0 | 0.7 | 0.5 | 0.3 | 1.6 | 1.1 | 0.8 | 0.6 | 0.4 | 0.2 | 5.5 | 2.6 | 1.9 | 1.2 | 0.8 | 0.3 | 5.5 | 2.6 | 1.9 | 1.2 | 0.8 | 0.3 |
| 06SS3-HG | | | | 1.4 | 0.9 | 0.6 | 0.4 | 0.5 | 0.2 | 0.8 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 1.0 | 0.7 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.4 | 0.3 | 0.2 | 0.1 | 1.0 | 0.7 | 0.5 | 0.4 | 0.3 | 0.1 | 4.5 | 2.1 | 1.5 | 0.9 | 0.6 | 0.2 | 4.5 | 2.1 | 1.5 | 0.9 | 0.6 | 0.2 |
| 07SS3-HG | | | | 1.0 | 0.7 | 0.5 | 0.3 | 0.4 | 0.2 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.7 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.2 | 0.1 | 0.1 | 0.7 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 3.5 | 1.6 | 1.2 | 0.7 | 0.5 | 0.1 | 3.5 | 1.6 | 1.2 | 0.7 | 0.5 | 0.1 |
| 08SS3-HG | | | | 0.7 | 0.5 | 0.3 | 0.2 | 0.3 | 0.2 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 3.0 | 1.4 | 1.0 | 0.6 | 0.4 | 0.1 | 3.0 | 1.4 | 1.0 | 0.6 | 0.4 | 0.1 |
| 09SS3-HG | | | | 0.5 | 0.3 | 0.2 | 0.1 | 0.2 | 0.1 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 3.0 | 1.4 | 1.0 | 0.6 | 0.4 | 0.1 | 3.0 | 1.4 | 1.0 | 0.6 | 0.4 | 0.1 |
| 10SS3-HG | | | | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 3.0 | 1.4 | 1.0 | 0.6 | 0.4 | 0.1 | 3.0 | 1.4 | 1.0 | 0.6 | 0.4 | 0.1 |