

# PRODUCT SPECIFICATION

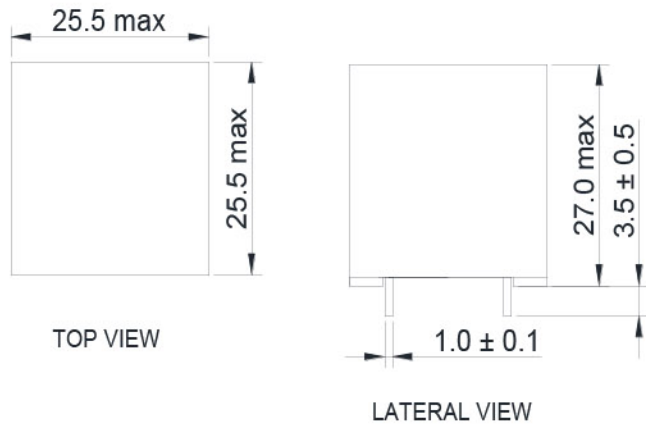
Description

## EMC Single Phase Filter 250Vac/6A

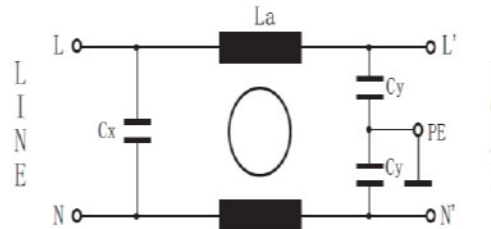


Customer <b>Onda Radio</b>	Cust P/N <b>PE-6V</b>	Prax P/N <b>AE-102200-00</b>	Edition <b>EDB</b>	Date <b>3-Aug-2018</b>	Page <b>1 of 1</b>
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### DIMENSIONS



### ELECTRICAL DIAGRAM



### WORKING CONDITIONS

Application	EMC Single Phase Filter
Maximum operating voltage	250 Vac
Operating frequency	50-60 Hz
Inductance (La)	0,83 mH ± 50%
Capacitance (Cx)	10 nF typ
Capacitance (Cy)	2,2 nF typ
RMS Current	6 Amps
Insulation (L→N)	1700 Vdc 50Hz, 2 sec
Insulation (L+N→PE)	1800 Vac 50Hz, 2 sec
Operating temperature	-40°C to 130°C

Operating temperature includes component self heating

### APPLIED STANDARDS

- Product designed according to
- 1 RoHS and REACH
  - 2 All materials UL approved
  - 3 Packaging: TBD

### PARAMETERS TESTED

Parameter	Min	Typ	Max	Unit	Condition
Inductance L-L'	0,42	0,83	1,25	mH	1kHz,250mVac
Inductance N-N'	0,42	0,83	1,25	mH	1kHz,250mVac
Capacitance L-PE	3,52	4,4	5,28	nF	1kHz,100mVac
Capacitance N-PE	3,52	4,4	5,28	nF	1kHz,100mVac
Hi-Pot L→N	1700			Vdc	5 mA, 2 sec
Hi-Pot L+N→PE	1800			Vac	5mA, 2 sec

### MARKING

Filter is marked on top of plastic box as follows:

**AE-102200-00**

**WW/YY**

Edition	Change Description	Changed by	Date
EDA	First edition, preliminary design	DP	3-8-18
EDB	Marking changed	JG	28-12-18

General dimension tolerance unless otherwise stated: ±0,4  
Unless otherwise stated dimensions are in mm

Designed by \_\_\_\_\_ Approved by \_\_\_\_\_

