

IECLF323 - Power line filters with IEC connector

Features

- General purpose filter with IEC connector
- Most cost effective
- Compact design
- Integrated earth line choke
- Faston terminals
- Solder lug terminals
- Up to 15 A upon request
- All parts are approved by UL, CSA, VDE, SEMKO, NEMKO, DEMKO and FIMKO

Applications

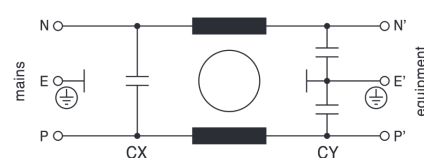
UPS, Power Supply, Audio Amplifier, LCD-TV/PDP

Technical Data

Operating voltage	250V / 50Hz 125V / 60Hz
Rated current, 40C	1A / 3A / 6A
Leakage current	0,5A / 250VAC
Temperature range	-25C - 85C
Test voltage (VDE 0565)	2,0kV / 50Hz - 2s



IECLF323 Power line filter with IEC connector



Circuit

Part numbers

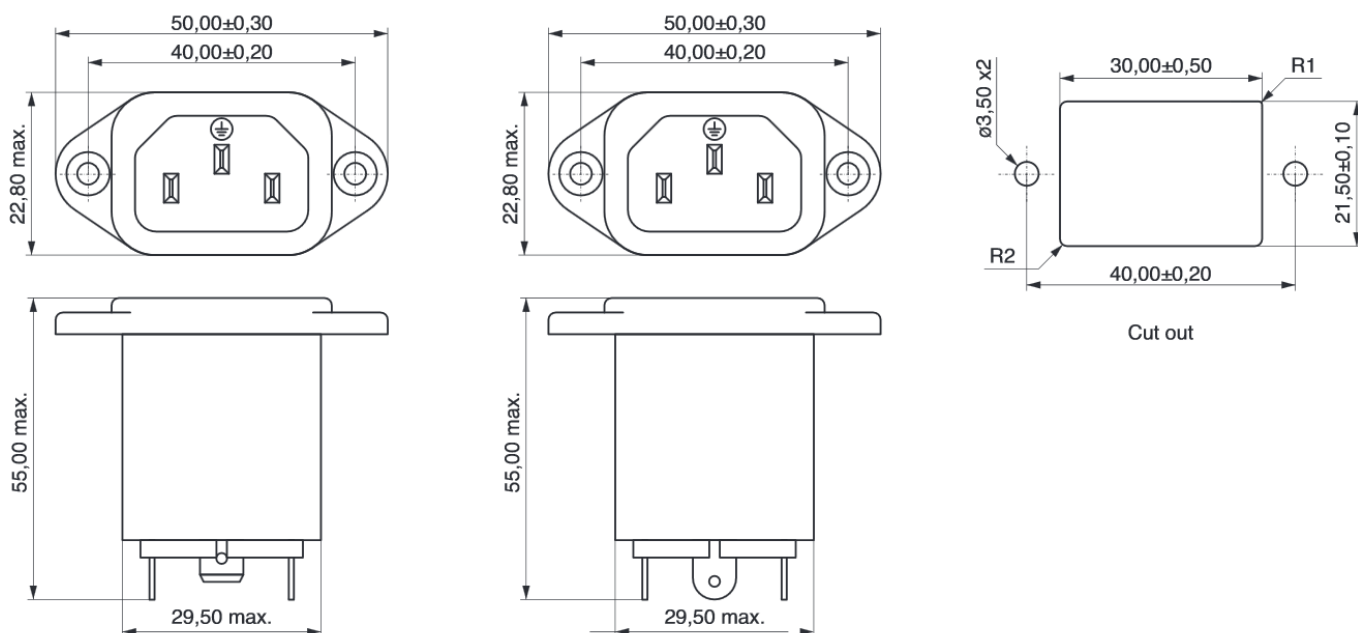
Part number	Nominal current at 40C	CX [F]	CY[pF]
Standard version			
IECLF323-1-X	1A	0,0047 - 0,22	0 - 3300
IECLF323-1-3-X	3A	0,0047 - 0,22	0 - 3300
IECLF323-1-6-X	6A	0,0047 - 0,22	0 - 3300
Medical version			
IECLF323-1M-X	1A	0,0047 - 0,22	-
IECLF323-3M-X	3A	0,0047 - 0,22	-
IECLF323-6M-X	6A	0,0047 - 0,22	-

* When ordering replace X with:

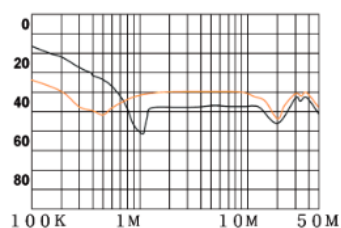
- **F** : Fast-on 6,3 x 0,8mm
- **L** : Soldering lug

Technical drawings

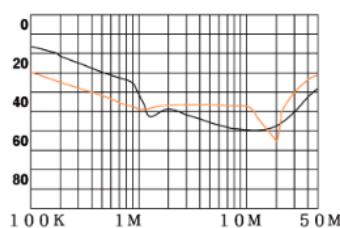
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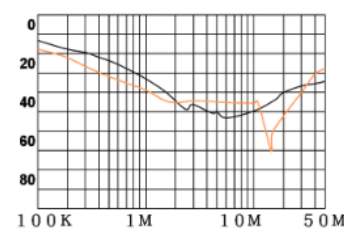
Technical drawings of the IECLF323 series Power line filters with IEC connector



1A



3A



6A

Attenuation in 50 Ohm- 50 Ohm circuit according to CISPR

Series	Current (A)	X
IECLF323	Select an option:	Select an option:
	1 : 1A (Standard)	F : Fast-on 6,3 x 0,8mm
	3 : 3A (Standard)	L : Soldering lug
	6 : 6A (Standard)	
	1M : 1A (Medical)	
	3M : 3A (Medical)	
	6M : 6A (Medical)	