



Product Service

CERTIFICATE

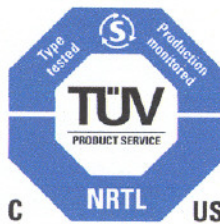
No. U8V 06 10 21433 120

Holder of Certificate: Vicor Corporation

25 Frontage Road
Andover, MA 01810
USA

Production Facility(ies): 49419

Certification Mark:



Product: Power supply filter
Active EMI Filter for DC-DC Converters

Model(s): QPx-yz
(See attachment for model differences and license conditions)

Parameters:

Rated Input Voltage:	30-80 V DC
Rated Input Current:	12 A

Tested according to: CAN/CSA-C22.2 No. 60950-1-03
UL 60950-1:2003
EN 60950-1:2001

The product was voluntarily tested according to the relevant safety requirements and mentioned properties. It can be marked with the certification mark shown above. The certification mark must not be altered in any way. See also notes overleaf.

Test report no.: DI304247-103

Date, 2006-10-17

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Attachment to Certificate Number U8V 06 10 21433 120

Company: Vicor Corporation
 25 Frontage Road
 Andover, MA 01810 USA

Picor QuietPower EMI Filter Model QPw-xyz

w = Filter Type

w = I for Input filters (Input side of a DC-DC Converter)

x = Electrical Ratings

x = 1 through 12

QPI-1	30 - 80 Vdc, 12 A
QPI-2	10 - 40 Vdc, 12 A
QPI-3	10 - 40 Vdc, 7 A
QPI-4	30 - 80 Vdc, 7 A
QPI-5	10 - 40 Vdc, 14 A
QPI-6	30 - 80 Vdc, 14 A
QPI-7	18 - 38 Vdc, 6 A
QPI-8	30 - 80 Vdc, 6 A
QPI-9	18 - 38 Vdc, 6 A
QPI-10	30 - 80 Vdc, 6 A
QPI-11	5 - 50 Vdc, 6 A
QPI-12	30 - 80 Vdc, 7 A

y = Surface Mount Description (Optional)

y = L for Land Grid Array (LGA)
 y = B for Ball Grid Array (BGA)

z = RoHS (Optional)

z = z for RoHS Compliance

License Conditions:

1. The input and output of filters rated 30 - 80 Vdc are considered TNV-2
2. Basic insulation is provided from Input / Output to Shield for the TNV-2 filters
3. The input and output of filters rated ≤ 60 Vdc are considered SELV
4. Operational / Functional insulation is provided from Input / Output to Shield for the SELV filters
5. The maximum rated currents are based on a PCB temperature limit of 60 °C
6. The max current is de-rated linearly 1 A / 10 °C from 12A at 60 °C to 8A at 100 °C for 12A filters
7. The max current is de-rated linearly 250 mA / 10 °C from 7 A at 60 °C to 6A at 100 °C for 7A filters
8. The max current is de-rated linearly 500 mA / 10 °C from 14 A at 60 °C to 12A at 100 °C for 14 A filters
9. The max current is de-rated linearly 400 mA / 10 °C from 6 A at 60 °C to 5A at 100 °C for 6A filters

