



EU Declaration of Conformity

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USA

This Declaration of Conformity is issued under the sole responsibility of Vicor Corporation, as the manufacturer:

Declare that the

VIA DCM5614 Series of DC-DC Converters

Model: DCM5614cD0H36K3Txx

**Where c = V for chassis mount (ring lug terminals) or c = B for board mount (pin terminals)
xx = options, (non-safety related)**

to which this declaration relates, are in conformity with the following EU Directives listed below by using the relevant sections of the following EU harmonized standards and other normative documents.

Low Voltage Directive 2014/35/EU

EN 62368-1:2014/A11:2017 Audio/Video, Information and Communication technology equipment

RoHS Recast Directive 2011/65/EU With Amending Directive (EU) 2015/863, dated June 4, 2015

EN IEC 63000:2018: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

The VIA DCM5614 Series of DC-DC Converters are Mil-COTS power supplies designed for building-in and are intended for Defense and Aerospace applications. The Converters must be installed in accordance with any conditions of acceptability specified by Vicor Corporation and its subsidiaries.

Part Number	Package Type	Product Grade	Option Field
DCM5614VD0H36K3T01	V = Chassis VIA	T = -40 to 100°C ^[a]	01 = Chassis/Analog
DCM5614VD0H36K3T02			02 = Chassis/PMBus®
DCM5614BD0H36K3T05	B = Board VIA		05 = Short Pin/Analog
DCM5614BD0H36K3T06			06 = Short Pin/PMBus
DCM5614BD0H36K3T09			09 = Long Pin/Analog
DCM5614BD0H36K3T10			10 = Long Pin/PMBus

^[a] High-temperature power de-rating may apply; see Figure 1, specified thermal operating area.

Conditions of Acceptability – When installed in the end use equipment, the following are among considerations to be made:

1. The output is separated from the input by reinforced insulation provided by an internal dc-dc chip
2. The output is considered ES1 (SELV)
3. See de-rating curve for maximum output power vs. case temperature
4. The case must be connected to protective earth in the end application
5. The High Voltage VIA DCM5614 series were evaluated with fuse Littelfuse 487 series rated 10A



02 February 2023

Michael McNamara
Vice President

Date