

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Audio/Video, Information and Communication technology equipment DC-DC converter
Name and address of the applicant	Vicor Corporation 25 Frontage Road Andover MA 01810 USA
Name and address of the manufacturer	Vicor Corporation 25 Frontage Road, Andover MA 01810, USA
Name and address of the factory	Vicor Inc. 400 Federal Street, Andover MA 01810, USA
Ratings and principal characteristics	Rated Input Voltage: 100 V DC (43-154) Rated Output Voltage: 48 V DC (+10/-40%) Rated Output Power: 240 W
Trade mark (if any)	VICHIP or VICOR
Customer's Testing Facility (CTF) Stage used	CTF STAGE 3
Model/type Ref.	DCM 3623 and DCM 2322 Railway Series
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2014
as shown in the Test Report Ref. No. which forms part of this certificate	72151621-000

This CB Test Certificate is issued by the National Certification Body.

CB 021433 0602 Rev. 00
Date, 2020-04-17



(William J. Stinson)



Product Service

DCM 3623 / 2322 Railway Series Model Matrix: DCMaaaabcccwwxyzz
 Example: DCM3623TA5N53B4T00

DCM = Constant

Product Type	
DCM	DC-DC Converter Module

aaaa = 3623

Package Size (mm)	
2322	23 x 22
3623	36 x 23

b = T

Lead Designator	
T	Through-Hole

ccc = A5N

Input Voltage			
	Max	Range	Nominal
A5K	154V	60-154	110V
A5N	154V	43-154	100V
72S	72V	14-72	43V
50T	50V	9-50	30V

ww = 53

Output Voltage			
Output Vdc	Nominal	Output Vdc	Nominal
04	3.3V	26	24.0V
06	5.0V	31	28.0V
13	12.0V	40	36.0V
15	13.8V	53	48.0V
17	15.0V		
Nominal Trim range = +10% / -15%			

xx = B4

Output Power					
35	35W	60	60W	A2	120W
40	200W	80	80W	B4	240W
50	300W	A0	100W	C0	300W
120W max for 2322 package size 300W max for 3623 package size					

y = T

Product Grade	
C	-20 to 100°C
T	-40 to 100°C
M	-55 to 100°C

zz = 00

Options (non-safety related), Any alphanumeric combination, non-inclusive list of examples below	
00	Analog Communication
01	Digital Communication