





America

# CERTIFICATE

No. U8V 021433 0578 Rev. 01

<b>Model(s):</b>	VTM2308S60Z0825TZ0 Type: Isolated SM-ChiP VTM (see page 3 for model nomenclature)
<b>Brand Name:</b>	VICOR
<b>Tested according to:</b>	CAN/CSA C22.2 No.60950-1:2007/A2:2014 EN 60950-1:2006/A2:2013 UL 60950-1:2007/R:2014-10
<b>Production Facility(ies):</b>	067768
<b>Parameters:</b>	Rated Input Voltage: 60 V DC max Rated Output Voltage: 15 V DC max Rated Output Current: 25 A max Degree of Protection: IPX0

**Special Considerations** – The following items are considerations that were used when evaluating these products.

The VICOR SM-ChiP VTM and BCM series of isolating DC-DC converters are designed for building-in.

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

1. The VTM / BCM series are rated full current up to a maximum case temperature of 100°C.
2. Basic Insulation is provided from Input to Output.
3. Component fault testing was performed using a Littelfuse 451 series rated 65V, 15A.
4. The SM-ChiPs to be mounted on minimum V-1 rated PCB



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VICOR SM-ChiP VTM and BCM Model Matrix: AAAbbbbScddeewwxz  
 Examples: VTM2308S60Z0825TZO or BCM2308S60E0825T00

AAA = VTM

Product Function	
VTM	Voltage Transformation Module
BCM	Bus Converter Module

bbbb = 2308

Package Size Designator (mm)	
2308	23 x 08

S = Constant

Lead Designator	
S	Surface Mount

cc = 60

Input Voltage designator, Max (range)			
VTM		BCM	
60	60 Vdc (26-60)	60	60Vdc (36-60)

d = Z

Voltage Range Ratio	
VTM	Z
BCM	E

ee = 08

Output Voltage Designator: Nominal (range)	
08	5 Vdc ( 4.5-7.5 )
15	12 Vdc ( 9.0-15.0)

ww = 25

Output Current Designator	
13	12.5 A
25	25.0 A

x = T

Product Grade (max internal temperature)					
C	0.0 to 125°C	T	-40 to 125°C	M	-55 to 125°C

zz = Z0

Options, any alphanumeric combination, non-inclusive list  
 Z = Constant for VTM and designates isolation. **VTM customer special model number zz = 00 also designates isolation.**

BCM		VTM	
00	Analog Ctrl	Z0	Analog Ctrl
01	PMBus Ctrl	Z1	PMBus Ctrl
0R	Reversible Analog Ctrl	ZR	Reversible Analog Ctrl
0P	Reversible PMBus Ctrl	ZP	Reversible PMBus Ctrl
		<b>00</b>	<b>Customer Special</b>

