

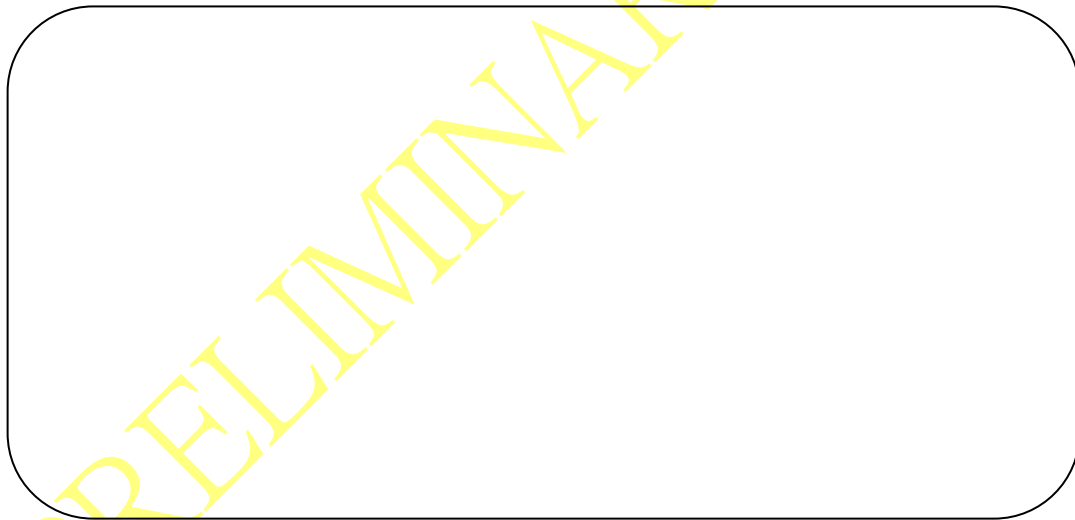
To Texas Instrument

Date of Issue: Aug.25, 2021



Delivery Specifications

Product Description	:	OBC transformer
Cyntec Part No.	:	VT-20163B
Customer Part No.	:	
Customer Issue No.	:	
Issued No.	:	A0

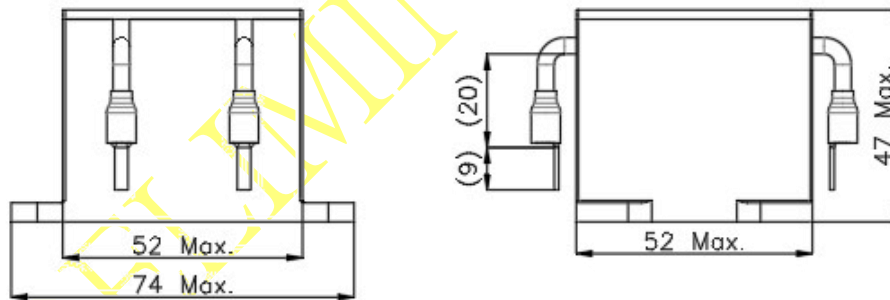
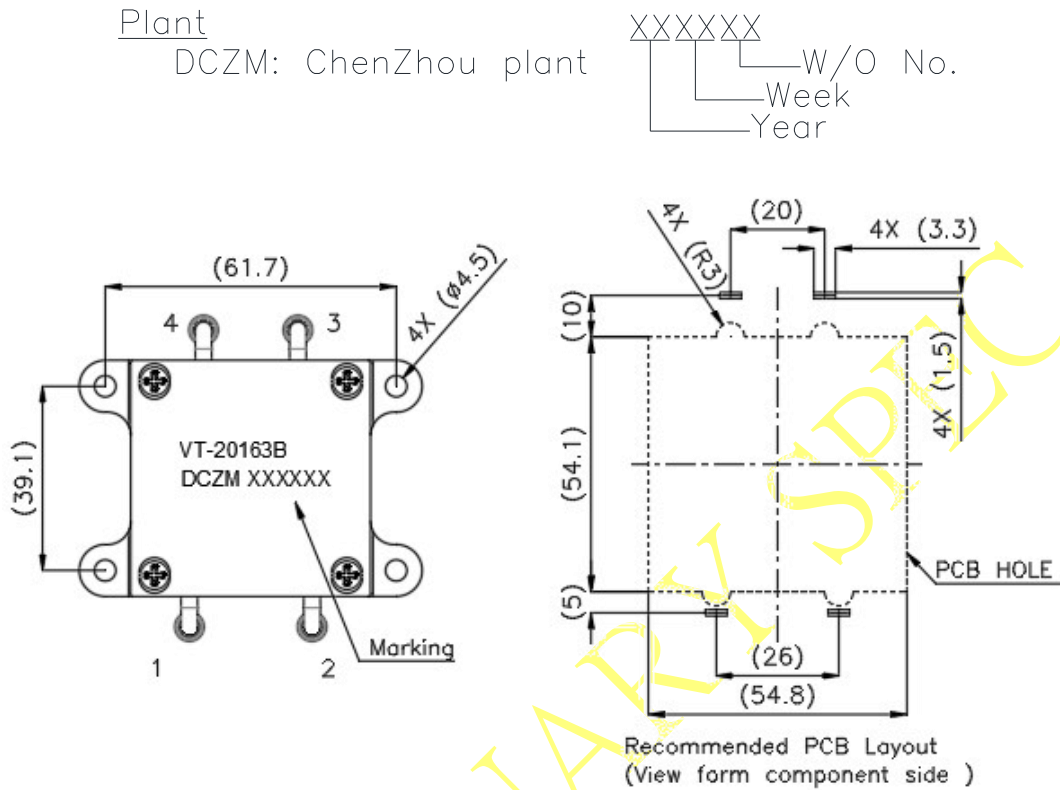


- “Changes in the description of Delivery Specifications” and “changes that affect performance, quality or environment” are implemented according to advance consultation.

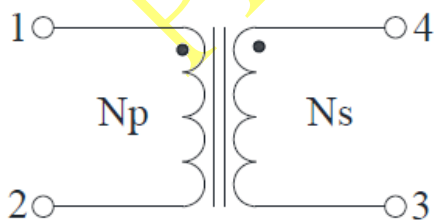
REPORTED BY	DRAFTED BY	CHECKED BY		APPROVED BY
Ryan.	Chris Hsiao	Brian.	Evans.Chen	rhense

1. Mechanical Dimensions & Schematic:

1-1. Mechanical Dimensions: (Unit: mm)



1-2. Schematic:



REPORTED BY	DRAFTED BY	CHECKED BY		APPROVED BY
Ryan.	Chris Hsiao	Brian.	Evans.Chen	htense

2. Electrical Characteristics:

Item	Test Terminal	Specification	Test Instrument
Inductance @500kHz, 1V, 25°C	L(1-2)	16μH Typ.	HP 4284A Precision LCR meter or equivalent.
	Lk(1-2) @4-3 shorted	3.75μH Typ.	
	Lk(4-3) @1-2 shorted	3.1μH Typ.	
DC Resistance @25°C	1-2	12mΩ Typ.	Keithley 580 Micro-Ohmmeter or equivalent.
	4-3	8.6mΩ Typ.	
Turn Ratio (1-2)@20kHz, 1V	4-3	800mV Typ.	PMA3260A Wayne kerr precision magnetics analyzer or equivalent.
Hi-Pot Test @5mA	PRI. to SEC. PRI./SEC. to Core	2000Vdc/60s (For qualification)	Zentech 9053 Programmable auto safety tester or equivalent.