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TDK

DC-DC Converters

i6A4W010A033V-0S1-R

Creation Date : January 08, 2022 (GMT)

RoHS

Sales Region	Worldwide (except Japan)
Series	i6A
Model	i6A
Status	Production
Option	
Option Lineup	Please refer to here.
Recommended EMC Filter	Please refer to here.
Accessories	Please refer to here.



Electrical Characteristics	
Nominal Input Voltage[DC]	24/48Vdc
Input Voltage Range[DC]	9 to 53Vdc
Efficiency	97.5% Typ.
Rated Output Voltage[DC]	
Output Voltage Range[DC]	3.3 to 40Vdc
Output Current Range	0 to 10A
Maximum Ripple Noise	50mV
Maximum Output Power	250W
Withstanding Voltage1	
Withstanding Voltage2	
Withstanding Voltage3	

Package Type & Size	
Package / Mounting	PCB mount
Width(W)	33mm Nom. (1.30in Nom.)
Height(H)	24.8mm Nom. (0.98in Nom.)
Depth(D)	11.4mm Nom. (0.45in Nom.)
Weight	15g Typ.
Industry Standard Size	1/16 brick size
Terminal Style	SIP

Other	
Operating Temp. Range	-40 to 125°C
Isolation	Non-isolated
Feature	
Safety Standard(Certified)	IEC60950-1 CSA C22.2 No.60950-1 EN60950-1 UL60950-1 VDE 0805-1
Safety Standard(Conformed)	

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Remarks	This page only shows representative characteristics. Please refer to the technical data for detailed specifications and conditions.

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