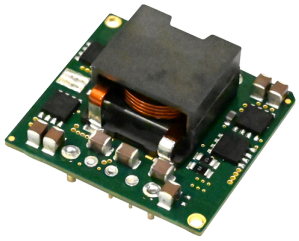
DC-DC Converters

i7C2W020A120V-003-R

RoHS

Sales Region	Worldwide (except Japan)
Series	i7C
Model	i7C
Status	Production
Option	Power good signal Frequency synchronization Output current monitor
Option Lineup	Please refer to here.
Recommended EMC Filter	
Accessories	Please refer to the catalog



Electrical Characteristics	
Nominal Input Voltage[DC]	12/24Vdc
Input Voltage Range[DC]	9 to 36Vdc
Efficiency	97% Typ.
Rated Output Voltage[DC]	
Output Voltage Range[DC]	8 to 24Vdc
Output Current Range	0 to 20A
Maximum Ripple Noise	100mV
Maximum Output Power	300W
Withstanding Voltage1	
Withstanding Voltage2	
Withstanding Voltage3	

Package Type & Size	
Package / Mounting	PCB mount
Width(W)	34mm Nom. (1.34in Nom.)
Height(H)	14.7mm Nom. (0.58in Nom.)
Depth(D)	36.8mm Nom. (1.45in Nom.)
Weight	28g Typ.
Industry Standard Size	1/16 brick size
Terminal Style	Through Hole

Other	
Operating Temp. Range	-40 to 125°C
Isolation	Non-isolated
Feature	

Safety Standard(Certified)	IEC60950-1 CSA60950-1 EN60950-1 UL60950-1 IEC62368-1 CSA62368-1 EN62368-1 UL62368-1 CE Mark
Safety Standard(Conformed)	
Remarks	This page only shows representative characteristics. Please refer to the technical data for detailed specifications and conditions.

! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

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