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DC-DC Converters

iSA48025A025V-001-R

RoHS

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



Electrical Characteristics	
Nominal Input Voltage[DC]	48Vdc
Input Voltage Range[DC]	36 to 75Vdc
Efficiency	85% Typ.
Rated Output Voltage[DC]	2.5Vdc
Output Voltage Range[DC]	2.25 to 2.75Vdc
Output Current Range	2 to 25A
Maximum Ripple Noise	40mV
Maximum Output Power	62.5W
Withstanding Voltage1	Input - Output: 1500DC: min.
Withstanding Voltage2	
Withstanding Voltage3	

Package Type & Size	
Package / Mounting	PCB mount
Width(W)	33mm Nom. (1.30in Nom.)
Height(H)	12.7mm Nom. (0.50in Nom.)
Depth(D)	22.9mm Nom. (0.90in Nom.)
Weight	
Industry Standard Size	1/16 brick size
Terminal Style	DIP

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

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Safety Standard(Certified)	IEC60950-1 CSA C22.2 No.60950-1 EN60950-1 UL60950-1 VDE 0805-1
Safety Standard(Conformed)	
Remarks	This page only shows representative characteristics. Please refer to the technical data for detailed specifications and conditions.

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