

Selection Guide

Input Voltage Vdc	Output Voltage Vdc	Output Current(mA)			Ripple Noise mV	Series Number Selector Guide	Remarks
		0.5W	1.0W	1.5W			
	3.3	151.5	303.3		80	AUS-05050-0.5	
	5.0	100.0	200.0	300.0	80	A : Case Type	
	24.0	20.8	41.6	62.5	150		Request

Specifications All Specifications Are Typical Nominal Line, Full Load And 25°C Unless Otherwise Notes.

General Characteristics

Parameter	Conditions	Min.	Typ.	Max.	Units
Isolation Voltage	60 Seconds	1000	---	---	VDC
Isolation Resistance	500VDC	1000	---	---	Mohm
Isolation Capacitance	100KHz,1V	---	60	100	pF
Switching Frequency		45	80	120	KHz
MTBF MIL-HDBK-217F @ 25°C		1.5	---	---	MHrs

Absolute Maximum Ratings

Parameter	Min.	Max.	Units
Input Surge Voltage (1000ms)	-0.7	9.0	VDC
5VDC Input Models	-0.7	9.0	VDC
12/15VDC Input Models	-0.7	12.0	VDC
24VDC Input Models	-0.7	30.0	VDC
Wave Soldering Temperature	10 Sec.	265°C	Max.

Environmental Characteristics

Parameter	Conditions	Min.	Max.	Units
Operating Temperature	Ambient	-40	+71	°C
Storage Temperature		-40	+125	°C
Humidity		---	95	%
Cooling	Free-Air Convection			

Output Characteristics

Parameter	Conditions	Min.	Typ.	Max.	Units
Line Regulation	For 1% Of Vin	---	±1.2	±1.5	%
Load Regulation	20% To 100%	±8.0	---	±12.0	%
Output Volt Balance	Dual Out only	0.9600	0.9555	0.9380	%
Output Volt Accuracy		---	---	±3.0	%
Short Circuit Protection					Continuous Autorecovery

Dimensions and Pinout (Unit : mm[inch]±0.15mm)

