



- SIL 4pin Package 3.3V 5V 12V or 24V Voltage Input
- Output Power Rate From 0.5W To 1.5W Available
- No Heat Sink Required
- Internal SMD Construction
- No External Components Required

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 5.0 9.0 12.0 15.0 24.0	3.3	151.5	303.3		80	AUS-05050-0.5 A : Case Type U : Unregulated S : Single Output 05 : Input Voltage 05 : Output Voltage 0 : Revision Code(0..9..A..Z) 0.5 : Output Power Rate	Customer And Special Design On Request
	5.0	100.0	200.0	300.0	80		
	9.0	55.5	111.0	166.0	100		
	12.0	41.6	83.3	125.0	100		
	15.0	33.3	66.6	100.0	120		
	24.0	20.8	41.6	62.5	150		

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

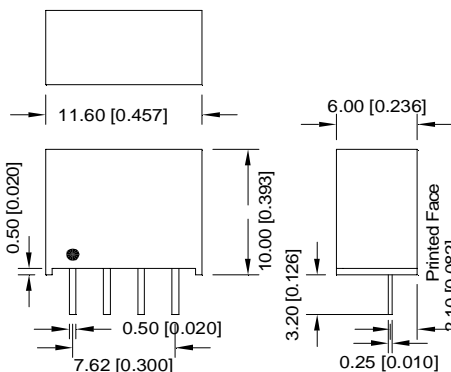
General Characteristics					
Parameter	Conditions	Min.	Typ.	Max.	Units
Isolation Voltage	60 Seconds	1000	---	---	VDC
Isolation Resistance	500VDC	1000	---	---	Mohm
Isolation Capacitance	100KHz,1V	---	60	100	pF
Switching Frequency		45	80	120	KHz
MTBF MIL-HDBK-217F@ 25°C		1.5	---	---	MHrs

Absolute Maximum Ratings				
Parameter		Min.	Max.	Units
Input Surge Voltage (1000ms)	5VDC Input Models	-0.7	9.0	VDC
	12/15VDC Input Models	-0.7	18.0	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	---	---	---	%
Output Volt Accuracy		---	---	±3.0	%
Short Circuit Protection		Continuous Autorecovery			

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



Pin Connection	
Pin	Pin Function
1	-Input Voltage
2	+Input Voltage
3	-Output Voltage
4	+Output Voltage

Temperature Derating Graph
Ambient Temperature°C

