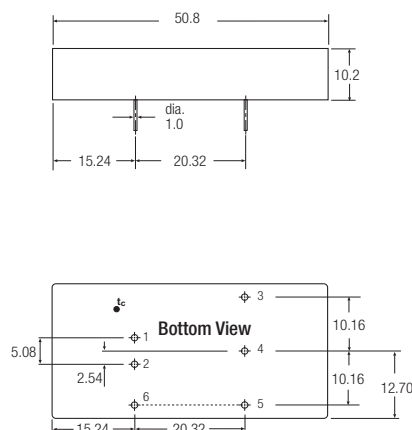


Specifications (measured at $T_A = 25^\circ\text{C}$, nominal input voltage, full load and after warm-up)

Isolation Voltage	H2-Suffix	(tested for 1 second)	2000VDC	
	H3-Suffix	(rated for 1 minute**) (tested for 1 second) (rated for 1 minute**)	1000VAC / 60Hz 3000VDC 1500VAC / 60Hz	
Under Voltage Lockout (2:1)	12V Input	DC-DC on 8.3VDC, DC-DC off 7.9VDC		
	24V Input	DC-DC on 17.4VDC, DC-DC off 16.7VDC		
	48V Input	DC-DC on 35.7VDC, DC-DC off 34.3VDC		
Under Voltage Lockout (4:1)	24V Input	DC-DC on 8.3VDC, DC-DC off 7.9VDC		
	48V Input	DC-DC on 17.4VDC, DC-DC off 16.7VDC		
Isolation Capacitance			1200pF typ.	
Isolation Resistance			1 GΩ min.	
Overload Protection			150% typ.	
Short Circuit Protection			Continuous, Auto Restart	
Operating Temperature Range (free air convection)	4:1	-40°C to +65°C (see Graph)		
	2:1	-40°C to +71°C (see Graph)		
Storage Temperature Range			-55°C to +105°C	
Remote On/Off	DC/DC ON	Open or 3.5V<Vr<12V		
	DC/DC OFF	Short or 0V<Vr<1.2V		
Temperature Coefficient			±0.05% max.	
Relative Humidity			95% RH	
Case Material			Nickel Plated Metal with Non-Conductive Base	
Thermal Impedance		Natural convection	12°C/W	
Maximum Case Temperature			100°C	
Vibration			10-55Hz, 2G, 30mins along X,Y & Z	
Package Weight			27g	
Packing Quantity			10 pcs per Tube	
MTBF (+25°C) (+71°C)		Detailed Information see Application Notes chapter "MTBF"	using MIL-HDBK 217F using MIL-HDBK 217F	>700 x 10³hours >150 x 10³hours
Certifications				
EN General Safety	Report: SPCLVD 1206084-1	EN60950-1:2006 + A12:2011		
UL General Safety	Report: E224736	UL 60950-1 1st Ed. C22.2 No. 60950-1-03		
EN Medical Safety	Report: MDD12060585 + RM1206085	IEC/EN 60601-1 3rd Edition; Medical Report + ISO14971 Risk Assessment		

Note: Refer to Application Notes for EMC Class B Filter suggestion

Package Style and Pinning (mm)



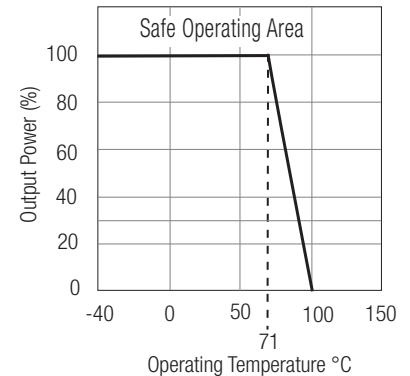
Pin Connections

Pin #	Single	Dual
1	+Vin	+Vin
2	-Vin	-Vin
3	+Vout	+Vout
4	No Pin	Com
5	-Vout	-Vout
6	CTRL	CTRL

XX.X ± 0.5 mm
XX.XX ± 0.35 mm

Derating-Graph (Ambient Temperature)

2:1 Converters



4:1 Converters

