

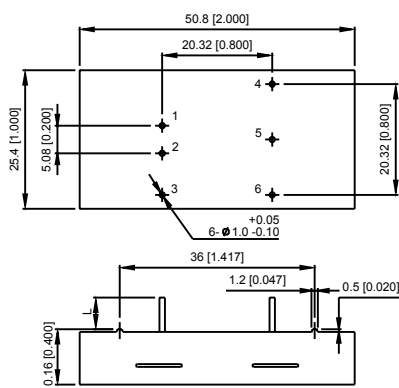


Features:

- Approved to IEC/EN60950, UL60950 Safety Standards
- Wide Input Voltage: 36VDC - 75VDC
- Single Outputs: 3.3VDC, 5VDC, 12VDC, 15VDC
- Trim Function; Remote Control
- No Minimum Load Requirement



Model		QPDD10-48S3V3	QPDD10-48S05	QPDD10-48S12	QPDD10-48S15
Output Characteristics					
DC Output		3.3V	5V	12V	15V
Rated Current		3A	2A	0.83A	0.67A
Current Range		0~3A	0~2A	0~0.83A	0~0.67A
Efficiency (Typical)		77%	81%	83%	84%
Ripple and Noise (max)		100mVpp			
Voltage Adjust.		90% to 110% Vout			
Voltage Accuracy		±1.0%			
Line Regulation (max)		0.2%			
Load Regulation (max)		0.5%			
Temperature Coefficient		±0.02%/°C			
Input Characteristics					
Voltage Range		36VDC~75VDC			
Normal Voltage		48VDC			
Remote Control					
Control Voltage	Positive Logic	HIGH=ON (3.5VDC to 10VDC); LOW=OFF (-0.7VDC to 0.8VDC)			
	Negative Logic	LOW=ON (-0.7VDC to 0.8VDC); HIGH=OFF (3.5VDC to 10VDC)			
Control Current	Positive Logic	2mA max.			
	Negative Logic	4mA max.			
Protection					
Over Current		Continuous, auto recovery (3.3V, 5V)			
Short Circuit		>120% output current, auto recovery (3.3V, 5V)			
Environmental Characteristics					
Operating Amb. Temp.		-40°C~55°C			
Operating Case Temp.		-40°C~100°C			
Storage Temp.		-55°C~125°C			
Safety Standards		IEC/EN60950, UL60950			
Isolation Voltage (one minute)		Input-Output: 1500VDC. Input-Case: 1500VDC. Output-Case: 1500VDC			
General Characteristics					
MTBF		More than 2,000,000Hrs			
Dimension (LxWxH)		50.8x25.4x10.16mm (2"x1"x0.4")			



Pin Assignment

Pin No.	Output
1	+Vin
2	-Vin
3	CNT
4	+Vout
5	TRIM
6	COM

Pin Length: 3.8mm

TOLERANCES: X.Xmm = ± 0.5 mm

X.XXmm = ±0.25mm

Unit: mm[inch]