

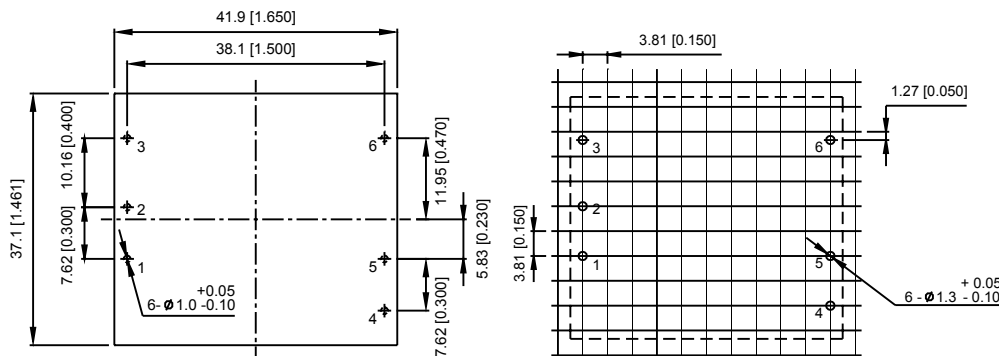


**Features:**

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



Model	QPDS15-48S3V3	QPDS15-48S05	QPDS15-48S12	QPDS15-48S15
<b>Output Characteristics</b>				
DC Output	3.3V	5V	12V	15V
Rated Current	3.5A	3A	1.25A	1A
Current Range	0~3.5A	0~3A	0~1.25A	0~1A
Efficiency (Typical)	78%	82%	84%	85%
Ripple and Noise (max)	60mVpp			
Voltage Accuracy	±1.0%			
Line Regulation (max)	10mV			
Load Regulation (max)	25mV			
Temperature Coefficient	±0.02%/°C			
<b>Input Characteristics</b>				
Voltage Range	36VDC~75VDC			
Normal Voltage	48VDC			
Under-Voltage Shutdown	32VDC~34VDC			
<b>Remote Control</b>				
Control Voltage (Positive Logic)	HIGH=ON (3.5VDC to 12VDC); LOW=OFF (-0.7VDC to 0.6VDC)			
Control Current (Positive Logic)	2mA max.			
<b>Protection</b>				
Over Current	Continuous, auto recovery (3.3V, 5V)			
Short Circuit	>120% output current, auto recovery (3.3V, 5V)			
<b>Environmental Characteristics</b>				
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			
<b>General Characteristics</b>				
MTBF	More than 2,000,000Hrs			
Dimension (LxWxH)	41.9x37.1x10.16mm (1.65"x1.46"x0.4")			

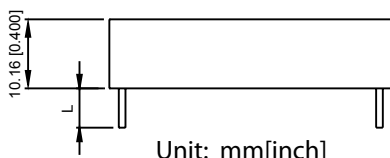


**Pin Assignment**

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

Pin Length: 3.8mm

TOLERANCES: X.Xmm = ±0.5mm  
X.XXmm = ±0.25mm



Unit: mm[inch]