

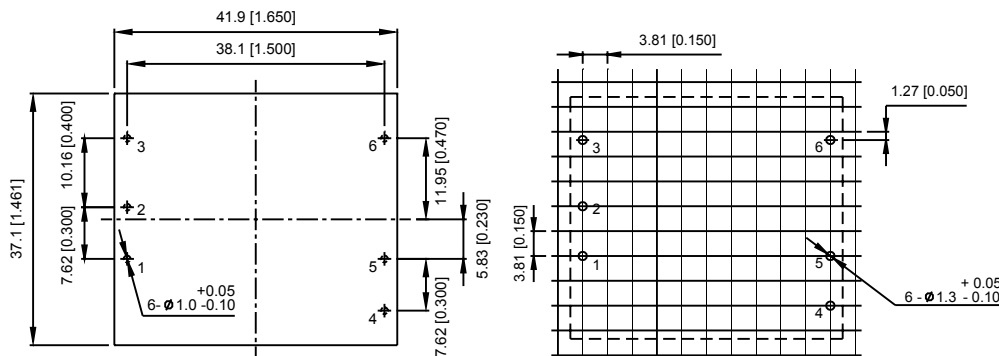


Features:

- 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 |
|--------------------------------------|--|--------------|--------------|--------------|
| Output Characteristics | | | | |
| 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 | | | |
| Input Characteristics | | | | |
| Voltage Range | 36VDC~75VDC | | | |
| Normal Voltage | 48VDC | | | |
| Under-Voltage Shutdown | 32VDC~34VDC | | | |
| Remote Control | | | | |
| Control Voltage (Positive Logic) | HIGH=ON (3.5VDC to 12VDC); LOW=OFF (-0.7VDC to 0.6VDC) | | | |
| Control Current (Positive Logic) | 2mA 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) | 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]