



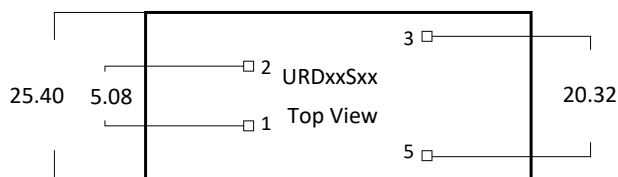
- 4:1 Voltage Input Range
- Both Metal Case and Plastic Case Available
- MTBF: 2.000.000 Calculated Hours
- Single or Dual Output
- Up to 6000V Isolation Available

Electrical Shortform Specifications

Electrical Specification	Input Voltage:	See Product Chart Page 2
	Output Voltage (Vout):	See Product Chart Page 2
	Switch Frequency:	150kHz to 200kHz
	Ripple & Noise:	Max. 50mVp-p
	Efficiency:	Up to 85%
	Output Load Efficiency:	≤ ±1% (0% to 100% Load)
	TEMP. Coefficient:	≤ ±0.02% °C (Celsius)
	MTBF:	2.000.000 Hours
Protection (Auto Recovery)	Isolation I/O:	1000V / 0.5mA for 1min (Up to 6000V Isolation Available)
	Short Circuit Protection:	Short Circuit (1sec)
	Over Load Protection:	Yes
	Over TEMP. Protection:	Yes
Certifications & EMC	Approvals:	CE / RoHS
	EMC	EN61000
Environmental	Operating TEMP.:	-45°C to +85°C
	Storage TEMP.:	-45°C to +125°C
	Cooling:	Natural Cooling
Dimension & Material	Case Material:	Metal or Plastic
	Case Size (L x W x H):	50.80 x 25.40 x 10.50mm
	Weight:	22g (±0.5)
	Soldering Temperature:	≤10sec 300°C Max.

Note - Non Load Operation for a Long time is Not Recommended
For Complete Datasheet/Specification and Drawing Please Contact Power Outlet

Drawing & Measurements: mm

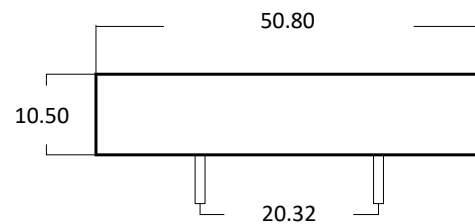
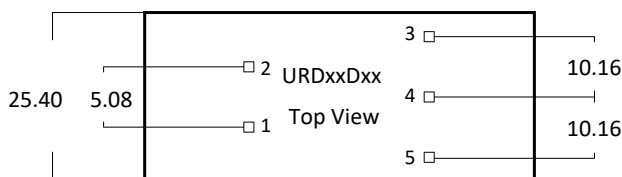


URDxxSxx = Single Output

Pin	Function
1	Vin
2	GND
3	0V
5	+Vout

URDxxDxx = Dual Output

Pin	Function
1	Vin
2	GND
3	-Vout
4	Com
5	+Vout



Product Chart

Model	Input Voltage (Vdc)	Output Voltage (Vout)	Load Current (mA)	Efficiency (%)	Ripple & Noise (mVp-p Max.)
URD12S3.3 10W	12Vdc (9-36Vdc)	3.3	3030	82	50
URD12S05 10W		5	2000	83	50
URD12S12 10W		12	833	86	50
URD12S15 10W		15	667	88	50
URD12S24 10W		24	416	83	50
URD24S3.3 10W	24Vdc (18-72Vdc)	3.3	3030	82	50
URD24S05 10W		5	2000	83	50
URD24S12 10W		12	833	86	50
URD24S15 10W		15	667	88	50
URD24S24 10W		24	416	83	50
URD12D3.3 10W	12Vdc (9-36Vdc)	±3.3	±1550	82	50
URD12D05 10W		±5	±1000	83	50
URD12D12 10W		±12	±415	86	50
URD12D15 10W		±15	±330	88	50
URD12D24 10W		±24	±250	83	50
URD24D3.3 10W	24Vdc (18-72Vdc)	±3.3	±1550	82	50
URD24D05 10W		±5	±1000	83	50
URD24D12 10W		±12	±415	86	50
URD24D15 10W		±15	±330	88	50
URD24D24 10W		±24	±250	83	50

* For 3000V Isolation add Suffix "H3", 4000V Isolation "H4", 6000V Isolation "H6" (WRDxxS(D)xxHx xxW)