

High Voltage Power Supplies

URS Series 0.3kV to 6kV 3W

1095-02A



FEATURES

- Small Size PCB Mountable
- High Performance, low Ripple
- Input/Output Proportional
- Input/Output Isolation

SUMMARY

URS series is a high performance, compact PCB mountable power supply.

This series is an input/output proportional module, and has a fully floating output of either polarity.

APPLICATIONS

- Photomultiplier Tubes
- Ionization Chambers
- High Voltage Bias
- E-chuck

Max. Output (KVdc)	Output Voltage (KVdc)	Output Current (mA)	MODEL	Rated load	Ripple (%p-p)	Input Voltage (Vdc)	Input Current typ (mA)	Insulation Input/Output (Vdc)
0.3	0.03 to 0.3	10	URS-0.3PN	30KΩ	0.02	1.5 to 12	380	2000
0.6	0.04 to 0.6	5	URS-0.6PN	120KΩ				
1.1	0.08 to 1.1	2.75	URS-1.1PN	400KΩ				
1.5	0.1 to 1.5	2	URS-1.5PN	750KΩ	0.1	1.5 to 15	380	3000
2	0.15 to 2	1.5	URS-2PN	1.3MΩ				
3	0.2 to 3	1	URS-3PN	3MΩ	0.2	1.5 to 15	380	5000
5	0.25 to 5	0.6	URS-5PN	8MΩ				
6	0.4 to 6	0.5	URS-6PN	12MΩ				

SPECIFICATIONS

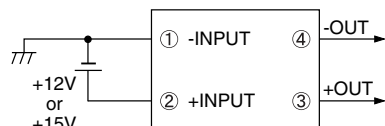
Output Voltage	Proportional to input voltage (See table)
Output Power	3W MAX
Ripple	Less than 0.2%p-p
Regulation	5% typ (50% to 100% load)
Protection	All units are protected against input reverse connection and intermittent output short circuits.
Temperature range	Operating : -10 to 60°C Storage : -20 to 60°C

OPTIONS

LMb Metal shield Box (for 0.3 to 2kV model only)

*Add "LMb" to the model number when ordering
(i.e.) URS-1.5PN-LMb

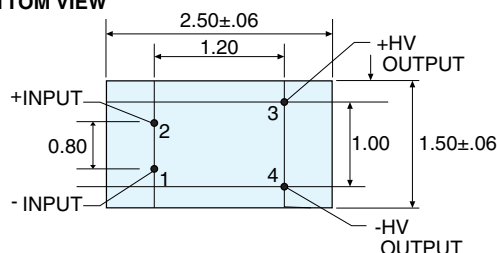
CONNECTION DIAGRAM



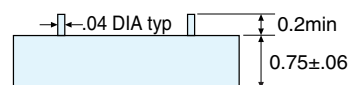
Note : These specifications are at the maximum rated output after a warm-up period unless otherwise specified.

DIMENSIONS inch

BOTTOM VIEW



SIDE VIEW



INPUT/OUTPUT PROPORTIONAL CHARACTERISTIC

