

10 WATT, Universal Input, Dual Output PCB Mountable Switching Power Supply

INPUT SPECIFICATIONS

All specifications are typical at nominal input, full load.

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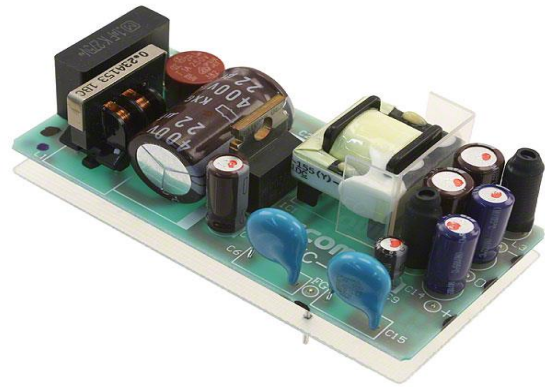
Input Voltage	AC 85-264V
Input Frequency	47 ~ 63 Hz
Input Current	0.16 ~ 0.22A Typ.
Inrush Current (100/230VAC)	11 / 20A Typ.

OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Voltage Accuracy	± 5%
Over-Current Protection	Automatic Recovery (105% min)
Hold-Up Time (100/230VAC)	11 / 95mS Typ.
Rise Time (100/240VAC)	180mS Typ.
Leakage Current (100/230VAC 63Hz)	0.5 / 0.75mA max
Drift	(0.5% + 15mV) max / 8H (After 1 hour warm-up)

GENERAL SPECIFICATIONS

Isolation Voltage	
Primary to Secondary	3000VAC
Primary to Case	2000VAC.
Secondary to Case	500VAC.
Isolation Resistance	100 M-Ohms min.
Safety Approvals	UL60950 CSA C22.2 No.60950(cUL) CE (EN6950 A3 LVD) CB (IEC60950:1999,US/6301/UL)
Physical Dimensions	32 x 21.9 x 65mm (W x H x L)



FEATURES

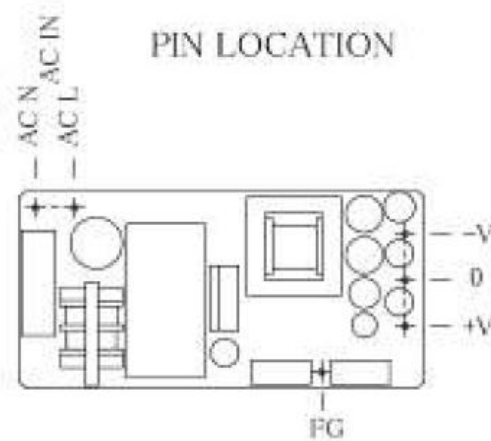
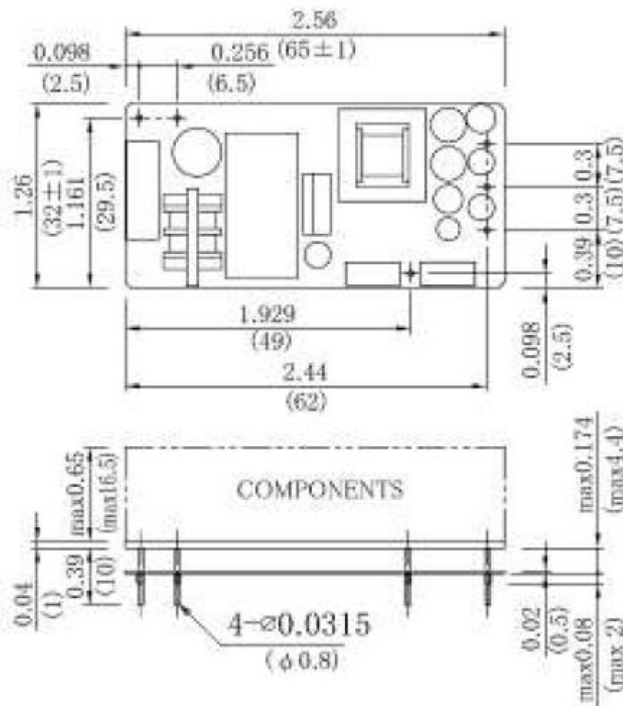
- EXTREMELY SMALL (1.26 X 2.56in)
- UNIVERSAL INPUT (AC85-264V)
- DUAL OUTPUT
- OVERCURRENT PROTECTION
- LIGHTWEIGHT CONSTRUCTION
- DIRECT PCB MOUNTABLE
- COMPACT, LOW-PROFILE PACKAGES
- 3 YEAR WARRANTY

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0°C~+70°C Derates Linearly 2.5%/°C After 50°C
Cooling.	Convection
Temperature Coefficient	0.02% / ° C
Humidity	20-85% Rh (non- condensing)
Storage Temperature	-20°C ~ +85°C
Shock Vibration	Shock: 20G (3 directions each 3 times) Vibration: 10 ~ 55Hz

Model	Output Voltage	Current (85 ~ 264 VAC)	Efficiency (%)	Load Regulation (10 ~ 100% Load)	Input Regulation (85~132/170~264VAC)	Ripple and Noise
KRD10F-1212	±12VDC	0.42 A	79%	500	20	150 mVp-p
KRD10F-1515	±15VDC	0.35 A	81%	500	20	150 mVp-p

KRD10F



NOTE:

All specifications typical and nominal / full load and 25°C unless otherwise noted.

Avoid sustained operation in overload or dead short conditions. Specifications subject to changes without notice.

- Dimensions in inch (mm) unless otherwise stated.
- Tolerance ±1mm