

AC/DC Switching Open Frame
ELECTRICAL SPECIFICATIONS

- Input range : 90 ~ 264 VAC / 127 ~ 380 VDC
- Input Frequency : 47 ~ 440Hz
- Inrush Current (25°C) 20A @ 110VAC; 40A @ 220VAC MAX

OUTPUT

- Short Protection: Autorecovery
- Overload Protection: Automatic Power Limited
- Over Voltage Protection: Autorecovery
- Hold-up time : 16ms
- Outputs Can Be Modified From 3V~200VDC

ENVIRONMENTAL

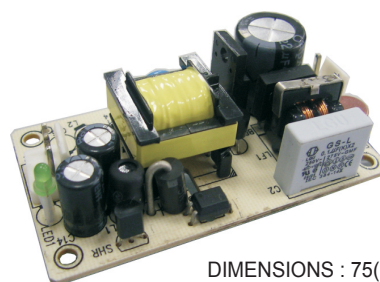
- Operating temperature : -15°C to +50°C
- Storage temperature : -20°C to +80°C
- MTBF : 100,000 hours per MIL -HDBK-217F
- Vibration 2G, 10-500 Hz. 3 Axis

SAFETY STANDARDS

- UL 60950 Meet
- CSA 60950 Meet
- CE Marking

EMI STANDARDS

- EN 55022 CLASS B
- EN 61000-3-2 CLASS A
- EN 61000-3-3, EN 55024
- (IEC 61000-4-2, IEC 61000-4-3
- IEC 61000-4-4, IEC 61000-4-5
- IEC 61000-4-6, IEC 61000-4-8
- IEC 61000-4-11)



DIMENSIONS : 75(L) x 40(W) x 20(H)mm
Weight: 46.60g

DC OUTPUT & FEATURES

MODEL	O/P Volt	Load(Current) ₁			Ripple & Noise ₄	Line REG. ₂	Load REG. ₃	Efficiency ₅	O.V.P
		Min.	Rated	Max.					
F107-05S	V1: +5.1V	0A	1.4A	1.4A	50mVp-p	±2%	±2%	70% Min.	6 ~ 7.5V
F107-15S	V1: +12V	0A	0.58A	0.58A	100mVp-p	±2%	±2%	72% Min.	14 ~ 17V
F107-24S	V1: +15V	0A	0.46A	0.46A	150mVp-p	±2%	± %	75% Min.	17 ~ 22V
F107-24S	V1: +24V	0A	0.29A	0.29A	150mVp-p	±2%	±2%	76% Min.	28 ~ 34V
F10720-1S	V1: +5V	0A	1A	1A	50mVp-p	±2%	±2%	70% Min.	6 ~ 7.5V -----
	V2: +12V	0A	0.17A	0.17A	100mVp-p	±2%	±4%		
F10720-2S	V1: +5V	0A	0.3A	0.3A	50mVp-p	±2%	±2%	73% Min.	6 ~ 7.5V -----
	V2: +24V	0A	0.23A	0.23A	150mVp-p	±2%	±4%		
F10720-3S	V1: +5V	0A	0.35A	0.35A	50mVp-p	±2%	±2%	70% Min.	6 ~ 7.5V -----
	V2: +7V	0A	0.7A	0.7A	70mVp-p	±2%	±4%		

- NOTE:
- Each output can provide up to maximum load, but total load can not exceed rated output power.
 - Line regulation is measured from low line to high line at rated load.
 - Load regulation is measured from 20% to 100% of rated load at 110VAC input.
 - Ripple & Noise is measured by using a 0.1uF/630V metalized capacitor & a 47uF electrolytic capacitor parallel on the test point, at rated load and 110VAC input.
 - Efficiency is measured at rated load and 110VAC input.
 - Hold-up time is measured at rated load and 110VAC input.

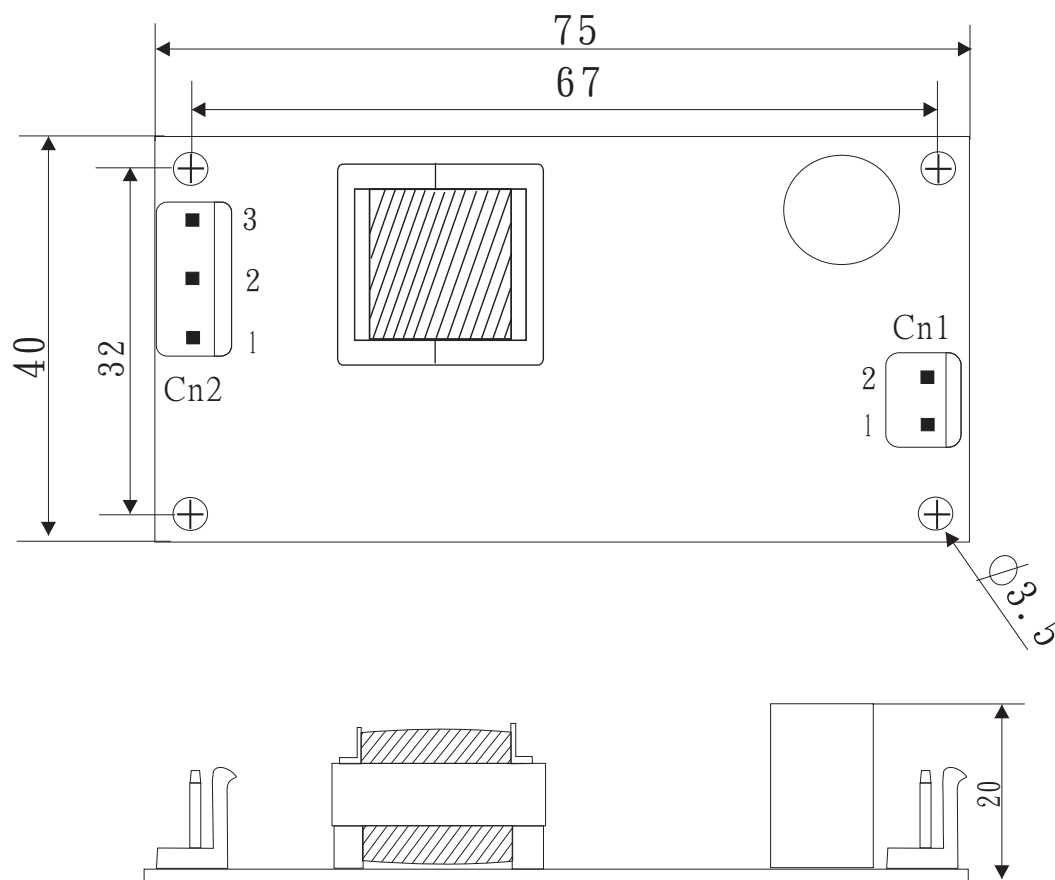

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AC/DC Switching Open Frame
MECHANICAL SPECIFICATION


Input connector (Cn1)
3.96mm crimp style connector
3Pin 3.96mm.

Pin	Input	Description
1	N	Neut ral T er m i n a l o f A C I n p u t
2	L	L i n e T e r m i n a l o f A C I n p u t

No Polarity At DC Input

DC Output Connector (Cn2)

3.96mm crimp style connector

Single output: 2Pin. 3.96mm. J

Dual output: 3Pin. 3.96mm.

Pin	Single	Dual	Description
1	V1	V1	G D C O u t p u t G r o u n d T e r m i n a l
2	G	G	Vx: D C O u t p u t T e r m i n a l
3		V2	(S p e c i f y a t s p e c .)

CASENO: F107

UNIT: mm

DIMENSIONS:

75(L)*40(W)*20(H)mm