

■ Features:

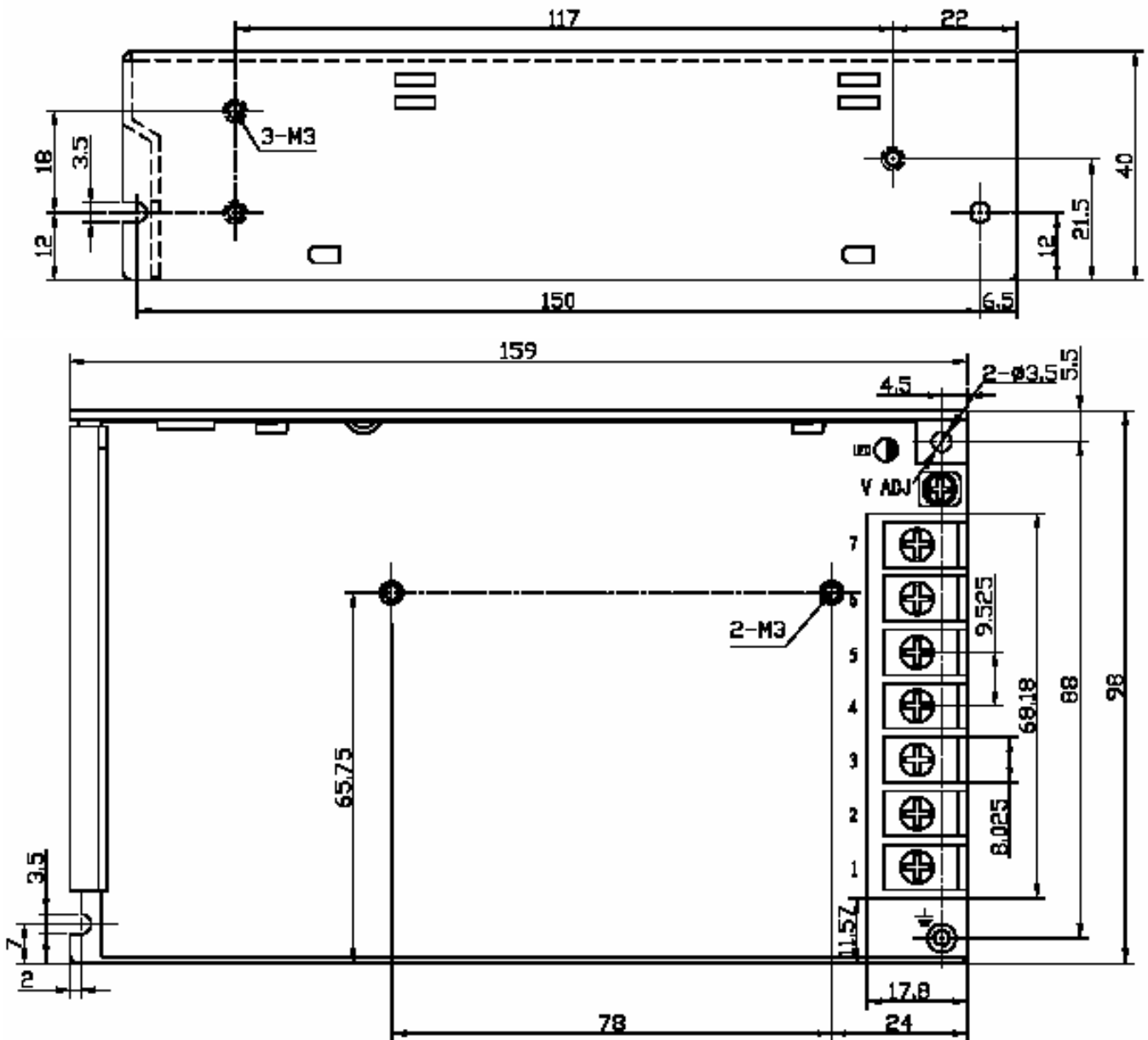
- High Efficiency, and High reliability
- Output protections: SCP/OVP/OPP/OLP
- Wide operating ambient temperature (0 ~50)
- All using 105 long life electrolytic capacitors.
- 100% full load burn-in test
- 2 years warranty

SPECIFICATION

MODEL		DCM-48S60S5	DCM-48S60S12	DCM-48S60S15	DCM-48S60S24
OUTPUT	DC Output	5V	12V	15V	24V
	Rated Current	12A	5A	4.0A	2.5A
	Current Range	0~12A	0~5A	0~4.0A	0~2.5A
	Ripple and Noise Note 2	50mV	120mV	150mV	240 mV
	Voltage ADJ. Range	± 5% of rated output voltage			
	Voltage Accuracy	± 3.0%	± 3.0%	± 3.0%	± 3.0%
	Line Regulation	± 0.5%	± 0.5%	± 0.5%	± 0.5%
	Load Regulation	± 2.0%	± 2.0%	± 2.0%	± 2.0%
	Temperature Coefficient	± 0.03%/			
Overshoot and Undershoot	<5.0%				
INPUT	Voltage Range	40VDC~60VDC			
	Efficiency (Typical)	70%	78%	78%	80%
	DC Current (max.)	3.0	3.0A	2.5A	2.0A
	Leakage Current	<3.5Ma			
PROTECTION	Over Current	105%~180% of rated output current, Constant power			
	Over Voltage	110%~180% of rated output voltage, Constant voltage			
	Shorted Circuit	Long-term mode, auto recovery			
ENVIRONMENT	Operating amb. Temp. & Hum.	0 ~50 ; 20%~90%RH No condensing			
	Storage Temp. & Hum.	-25 ~85 ; 10%~95%RH No condensing			
SAFETY & EMC	Safety Standards	GB4943; EN60950			
	Withstand Voltage	Primary-Secondary:0.5kVac; Primary-PG:0.5kVac; Secondary-PG:0.5kVDC			
	Isolation Resistance	100M ohms			
OTHERS	MTBF (MIL-HDBK-217F)	More than 100,000Hrs (25 , Full load)			
	Dimension (L*W*H)	160× 98× 38mm			
	Connection	7P/8.025mm barrier terminal block			
	Cooling method	Cooling by free air convection			
NOTE	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25 of ambient temperature. 2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 47uF parallel capacitor.				

■ Mechanical Specification

Unit: mm



Pin No.	Assignment
1	DC input -V
2	DC input +V
3	F.G
4-5	DC output -V
6-7	DC output +V