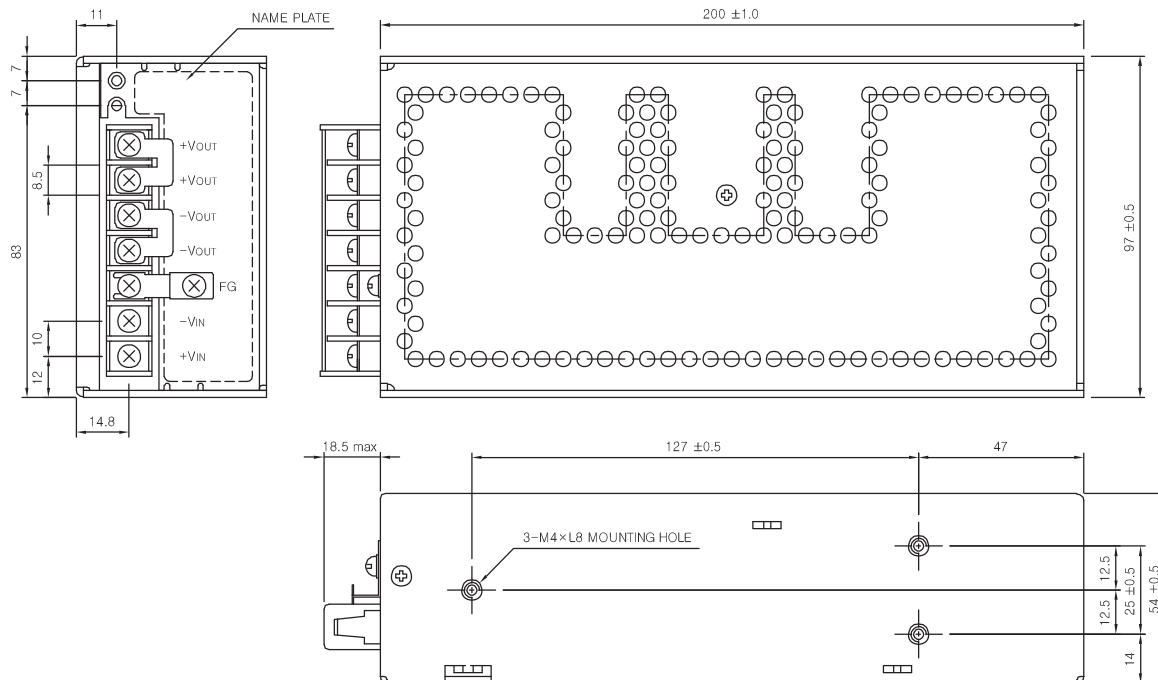


DS100-S SPECIFICATIONS

	MODEL	DS100-1205	DS100-1212	DS100-1215	DS100-1224	DS100-2405	DS100-2412	DS100-2415	DS100-2424
INPUT	VOLTAGE	DC12V (9 ~ 18V) / 15A				DC24V (19V ~ 36V) / 10A			
	VOLTAGE [V]	5	12	15	24	5	12	15	24
OUTPUT	CURRENT [A]	18	9	7	4.5	20	9	7	4.5
	REGULATION, LINE [mV]	25 Max	60 Max	75 Max	120 Max	25 Max	60 Max	75 Max	120 Max
	REGULATION, LOAD [mV]	50 Max	120 Max	150 Max	240 Max	50 Max	120 Max	150 Max	240 Max
	RIPPLE [mVp-p]	50 Max	120 Max	150 Max	240 Max	50 Max	120 Max	150 Max	240 Max
	RIPPLE, NOISE [mVp-p]	100 Max	170 Max	200 Max	290 Max	100 Max	170 Max	200 Max	290 Max
	TEMPERATURE DRIFT -10~+50°C [mV]	75 Max	180 Max	225 Max	360 Max	75 Max	180 Max	225 Max	360 Max
	RISE TIME [ms]	500 Max (DC IN 9V, I _o =100%)				500 Max (DC IN 19V, I _o =100%)			
	HOLDING TIME [ms]	10 typ (DC IN 9V, I _o =100%)				10 typ (DC IN 19V, I _o =100%)			
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically							
	OVER VOLTAGE PROTECTION	Works at 115 ~ 140% of rating							
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC 1,500V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)							
	INPUT-CASE, FG	AC 1,500V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)							
	OUTPUT-CASE, FG	AC 500V 1 minute current 100mA, DC 500V 100MΩ (At room temperature & Humidity)							
ENVIRONMENT	OPERATING TEMP AND HUMID	-10 ~ +50°C, 20 ~ 90% RH(Non Condensing)							
	STORAGE TEMP AND HUMID	-20 ~ +75°C, 20 ~ 90% RH(Non Condensing)							
	VIBRATION	10 ~ 55Hz at 1G, 3 minutes period, 30 minutes along X, Y and Z axis							
	IMPACT	10G for 20ms once on each X, Y and Z axis							
SAFETY	SAFETY REGULATION	-							
	LINE CONDUCTED RF VOLTAGE	-							

DS100-S EXTERNAL VIEW

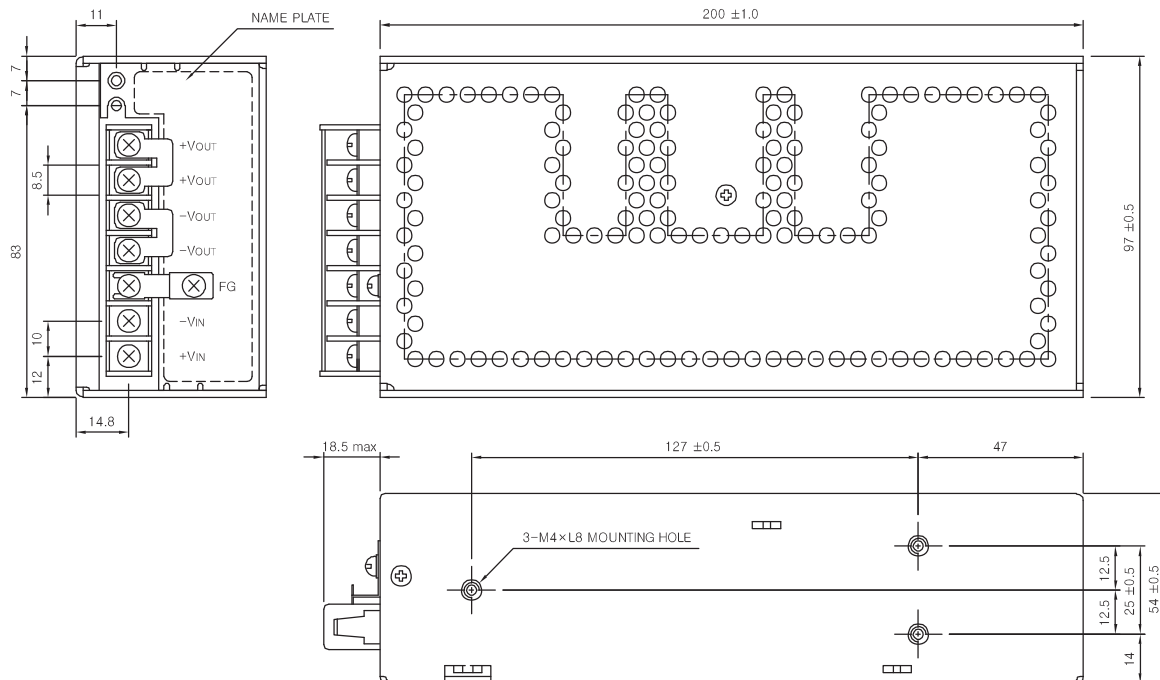


- * Weight : 700g
- * Tolerance : ±1
- * Dimensions in mm

DS100-S SPECIFICATIONS

MODEL		DS100-4805	DS100-4812	DS100-4815	DS100-4824	DS100-11005	DS100-11012	DS100-11015	DS100-11024
INPUT	VOLTAGE	DC48V (38 ~ 63V) / 4A				DC110V (85 ~ 160V) / 1.4A			
	VOLTAGE [V]	5	12	15	24	5	12	15	24
OUTPUT	CURRENT [A]	20	9	7	4.5	20	9	7	4.5
	REGULATION, LINE [mV]	25 Max	60 Max	75 Max	120 Max	25 Max	60 Max	75 Max	120 Max
	REGULATION, LOAD [mV]	50 Max	120 Max	150 Max	240 Max	50 Max	120 Max	150 Max	240 Max
	RIPPLE [mVp-p]	50 Max	120 Max	150 Max	240 Max	50 Max	120 Max	150 Max	240 Max
	RIPPLE, NOISE [mVp-p]	100 Max	170 Max	200 Max	290 Max	100 Max	170 Max	200 Max	290 Max
	TEMPERATURE DRIFT -10~+50°C [mV]	75 Max	180 Max	225 Max	360 Max	75 Max	180 Max	225 Max	360 Max
	RISE TIME [ms]	500 Max (DC IN 38V, I _o =100%)				500 Max (DC IN 85V, I _o =100%)			
	HOLDING TIME [ms]	10 typ (DC IN 38V, I _o =100%)				10 typ (DC IN 85V, I _o =100%)			
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically							
	OVER VOLTAGE PROTECTION	Works at 115~140% of rating							
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC 1,500V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)							
	INPUT-CASE, FG	AC 1,500V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)							
	OUTPUT-CASE, FG	AC 500V 1 minute current 100mA, DC 500V 100MΩ (At room temperature & Humidity)							
ENVIRONMENT	OPERATING TEMP AND HUMID	-10 ~ +50°C, 20 ~ 90% RH(Non Condensing)							
	STORAGE TEMP AND HUMID	-20 ~ +75°C, 20 ~ 90% RH(Non Condensing)							
	VIBRATION	10 ~ 55Hz at 1G, 3 minutes period, 30 minutes along X, Y and Z axis							
	IMPACT	10G for 20ms once on each X, Y and Z axis							
SAFETY	SAFETY REGULATION	-							
	LINE CONDUCTED RF VOLTAGE	-							

DS100-S EXTERNAL VIEW



- * Weight : 700g
- * Tolerance : ±1
- * Dimensions in mm