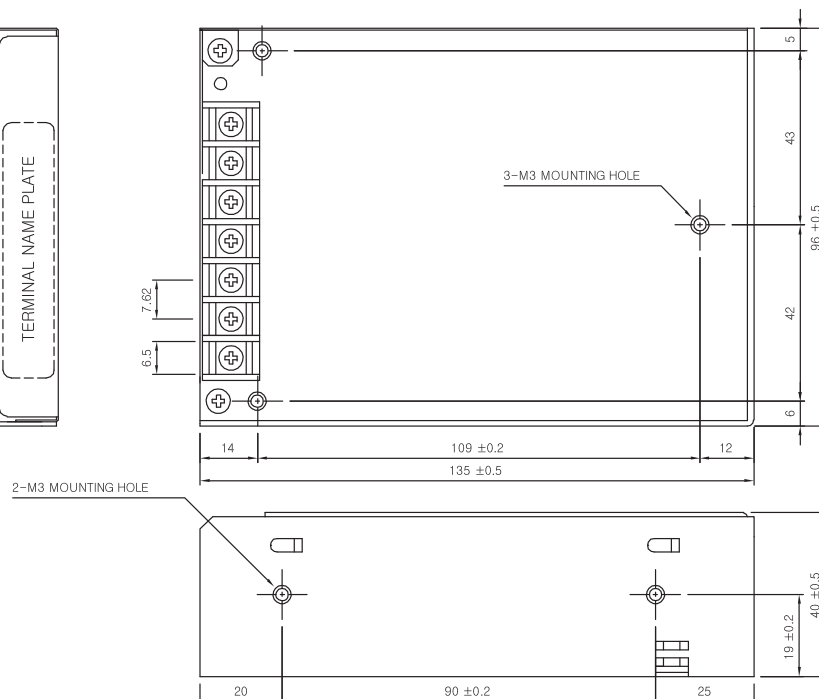
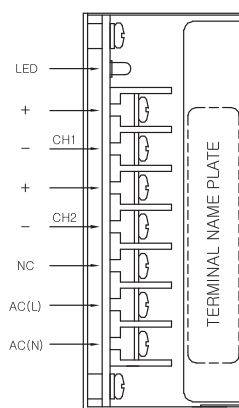




## VSF50-DUAL SPECIFICATIONS

MODEL		VSF50-BBW	VSF50-BDW	VSF50-BHW	VSF50-DDW	VSF50-EEW					
INPUT	VOLTAGE, FREQUENCY	AC100-120V / 200-240V (AC90 ~ 132V / 180 ~ 264V or DC240 ~ 370V), 50/60Hz (47 ~ 440Hz) Universal Input									
	CURRENT	110V	1.2 (I <sub>o</sub> =100%)								
		220V	0.7 (I <sub>o</sub> =100%)								
	EFFICIENCY (AC220V)	110V	75 typ	75 typ	75 typ	77 typ	77 typ				
	220V										
INRUSH CURRENT		20A typ(AC IN 110V, I <sub>o</sub> =100%), 40A typ(AC IN 220V, I <sub>o</sub> =100%) at cold start.									
OUTPUT	VOLTAGE [V]	5	5	5	12	5	24	12	12	15	15
	CURRENT [A]	0.5 ~ 5	5	0.5 ~ 3	0 ~ 3	0.5 ~ 3	0 ~ 1.5	0.2 ~ 2	2	0.16 ~ 1.6	0 ~ 1.6
	REGULATION, LINE [mV]	50 Max	50 Max	50 Max	120 Max	50 Max	240 Max	120 Max	120 Max	150 Max	150 Max
	REGULATION, LOAD [mV]	100 Max	100 Max	100 Max	240 Max	100 Max	480 Max	240 Max	240 Max	300 Max	300 Max
	RIPPLE [mVp-p]	50 Max	50 Max	50 Max	120 Max	50 Max	240 Max	120 Max	120 Max	150 Max	150 Max
	RIPPLE, NOISE [mVp-p]	100 Max	100 Max	100 Max	170 Max	100 Max	290 Max	170 Max	170 Max	200 Max	200 Max
	TEMPERATURE DRIFT 0~+50°C [mV]	75 Max	75 Max	75 Max	180 Max	75 Max	360 Max	180 Max	180 Max	225 Max	225 Max
	RISE TIME [ms]	1000 Max (AC IN 85V/170V, I <sub>o</sub> =100%)									
	HOLDING TIME [ms]	16 typ (AC IN 85V/170V, I <sub>o</sub> =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 3,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)									
	INPUT-CASE, FG	AC 2,000V 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	CE	CE	CE	CE	CE					
	LINE CONDUCTED RF VOLTAGE	-									

## VSF50-DUAL EXTERNAL VIEW



- \* Weight : 500g
- \* Tolerance : ±1
- \* Dimensions in mm