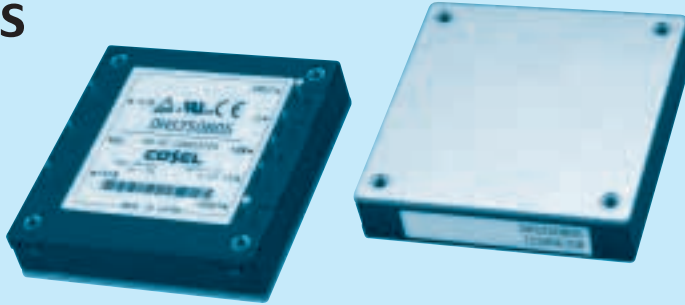
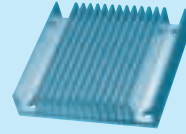




*Providing heat sink as option



- ① Series name
- ② Single output
- ③ Output wattage
- ④ B : DC200-400V
- ⑤ Output voltage

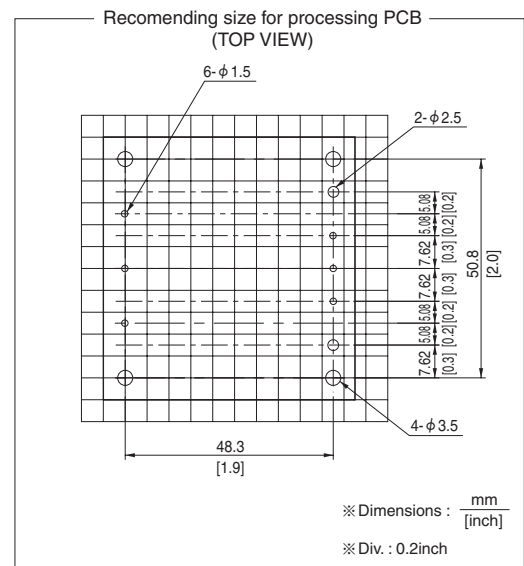
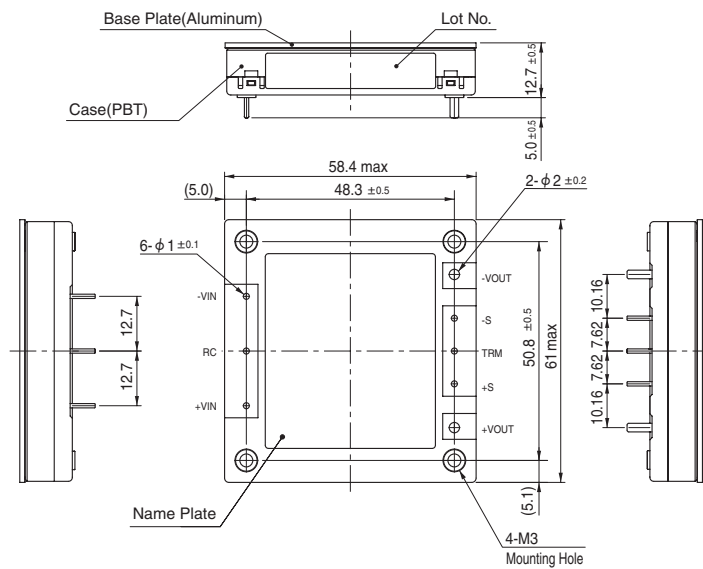
MODEL	DHS250B03	DHS250B05	DHS250B07	DHS250B12	DHS250B15	DHS250B24	DHS250B28	DHS250B48
MAX OUTPUT WATTAGE[W]	165.0	250.0	247.5	252.0	247.5	252.0	252.0	249.6
DC OUTPUT	3.3V 50A	5V 50A	7.5V 33A	12V 21A	15V 16.5A	24V 10.5A	28V 9.0A	48V 5.2A

SPECIFICATIONS

	MODEL	DHS250B03	DHS250B05	DHS250B07	DHS250B12	DHS250B15	DHS250B24	DHS250B28	DHS250B48
INPUT	VOLTAGE[V]	DC200 - 400							
	CURRENT[A]	*1 0.67A	1.0A	1.0A	1.0A	1.0A	1.0A	1.0A	1.0A
	EFFICIENCY[%]	*1 88.0typ	90.0typ	88.0typ	88.0typ	88.0typ	88.0typ	88.0typ	89.0typ
OUTPUT	VOLTAGE[V]	3.3	5	7.5	12	15	24	28	48
	CURRENT[A]	50	50	33	21	16.5	10.5	9.0	5.2
	LINE REGULATION[mV]	10max	10max	20max	24max	30max	48max	56max	96max
	LOAD REGULATION[mV]	10max	10max	20max	24max	30max	48max	56max	96max
	RIPPLE[mVp-p]	0 to +100℃ *2	80max	80max	100max	120max	120max	120max	200max
		-40 to 0℃ *2	120max	120max	130max	150max	150max	150max	250max
		0 to 15% Load *2	160max	160max	200max	240max	240max	240max	400max
	RIPPLE NOISE[mVp-p]	0 to +100℃ *2	120max	120max	130max	150max	150max	150max	250max
		-40 to 0℃ *2	200max	200max	200max	200max	250max	250max	400max
		0 to 15% Load *2	240max	240max	260max	300max	300max	300max	500max
	TEMPERATURE REGULATION[mV]	0 to +65℃	35max	50max	70max	120max	150max	240max	480max
		-40 to +100℃	66max	100max	140max	240max	300max	480max	960max
	DRIFT[mV]	*3 16max	20max	30max	40max	60max	90max	90max	180max
	START-UP TIME[ms]	200max (DCIN 280V, Io=100%)							
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	Fixed (TRM pin open), adjustable by external VR or external voltage							
PROTECTION CIRCUIT AND OTHERS	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically							
	OVERVOLTAGE PROTECTION[V]	4.20 - 4.85	6.30 - 7.30	8.70 - 10.20	13.90 - 16.35	17.25 - 20.25	27.60 - 32.40	32.20 - 37.80	55.20 - 64.80
	REMOTE SENSING	Provided							
	REMOTE ON/OFF	Provided (Negative Logic L : ON, H : OFF)							
ISOLATION	INPUT-OUTPUT	AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (20±15℃)							
	INPUT-FG	AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (20±15℃)							
	OUTPUT-FG	AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩ min (20±15℃)							
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE	-40 to +100℃ (On aluminum base plate), 20 - 95%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000 feet) max							
	STORAGE TEMP., HUMID. AND ALTITUDE	-40 to +100℃, 20 - 95%RH (Non condensing), 9,000m (30,000 feet) max							
	VIBRATION	10 - 55Hz, 49.0m/s ² (5G), 3minutes period, 60minutes each along X, Y and Z axis							
	IMPACT	196.1m/s ² (20G), 11ms, once each along X, Y and Z axis							
SAFETY	AGENCY APPROVALS	UL60950-1, C-UL, EN60950-1							
OTHERS	CASE SIZE/WEIGHT	58.4×12.7×61mm (W×H×D) / 100g max							
	COOLING METHOD	Conduction cooling (e.g. heat radiation from the aluminum base plate to the attached heat sink)							

- *1 At rated input(DC280V) and rated load.
- *2 Ripple and ripple noise is measured by using measuring board. Refer to the manual.
- *3 Drift is the change in DC output for an eight hour period after a half-hour warm-up at 25℃, with the input voltage held constant at the rated input/output.
- *4 Refer to the manual for input range.

External view



※ Tolerance : ± 0.3

※ Weight : 100g or less

※ Dimensions in mm.

※ Mounting hole screwing torque : 0.49N · m (5.0kgf · cm) max