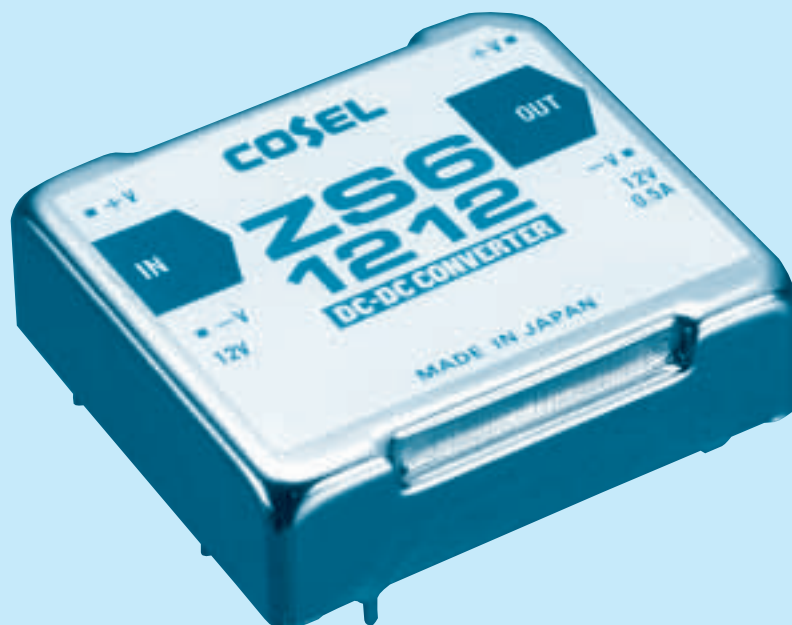


RoHS



- ① Series name
 ② Single output
 ③ Output wattage
 ④ Input voltage
 ⑤ Output voltage

MODEL	ZS60505	ZS60512	ZS60515	ZS61205	ZS61212	ZS61215	ZS62405	ZS62412	ZS62415	ZS64805	ZS64812	ZS64815
MAX OUTPUT WATTAGE[W]	5.0	6.0	6.0	5.0	6.0	6.0	5.0	6.0	6.0	5.0	6.0	6.0
DC OUTPUT	5V 1.0A	12V 0.5A	15V 0.4A	5V 1.0A	12V 0.5A	15V 0.4A	5V 1.0A	12V 0.5A	15V 0.4A	5V 1.0A	12V 0.5A	15V 0.4A

SPECIFICATIONS

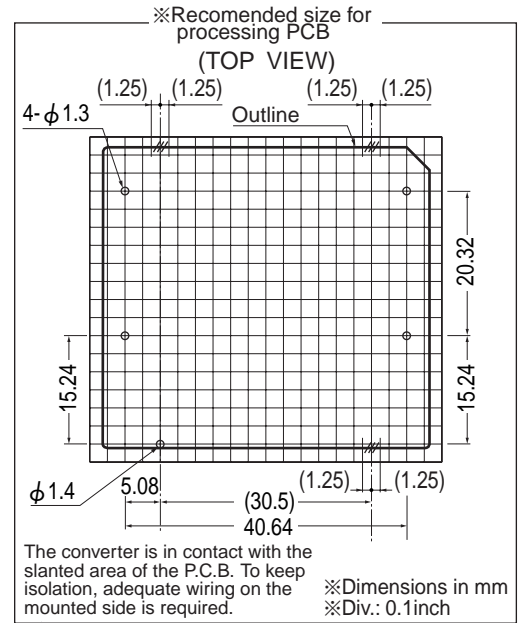
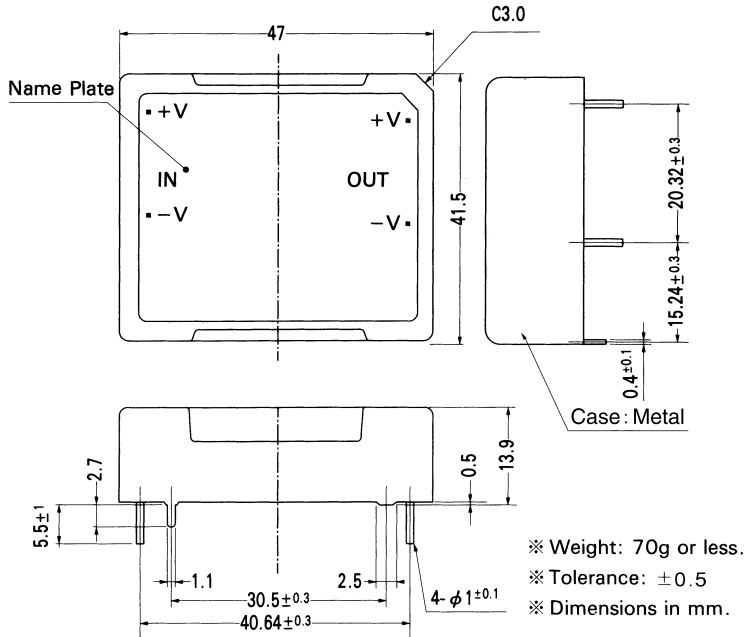
	MODEL	ZS60505	ZS60512	ZS60515	ZS61205	ZS61212	ZS61215	ZS62405	ZS62412	ZS62415	ZS64805	ZS64812	ZS64815
INPUT	VOLTAGE[V]	5 (4.5 - 6.0)			12 (10 - 15)			24 (20 - 30)			48 (35 - 63)		
	CURRENT[A]	*1 1.540typ	1.840typ	1.840typ	0.617typ	0.717typ	0.717typ	0.296typ	0.338typ	0.338typ	0.148typ	0.179typ	0.179typ
	EFFICIENCY[%]	65typ	65typ	65typ	68typ	70typ	70typ	70typ	74typ	74typ	70typ	70typ	70typ
OUTPUT	VOLTAGE[V]	5	12	15	5	12	15	5	12	15	5	12	15
	CURRENT[A]	1	0.5	0.4	1	0.5	0.4	1	0.5	0.4	1	0.5	0.4
	LINE REGULATION[mV]	25max	60max	75max	25max	60max	75max	25max	60max	75max	25max	60max	75max
	LOAD REGULATION[mV]	50max	120max	150max	50max	120max	150max	50max	120max	150max	50max	120max	150max
	RIPPLE[mVp-p]	*2 100max	120max	120max	100max	120max	120max	100max	120max	120max	100max	120max	120max
	RIPPLE NOISE[mVp-p]	*2 120max	120max	120max	120max	120max	120max	120max	120max	120max	120max	120max	120max
	TEMPERATURE REGULATION[mV] 0 to +50°C	50max	120max	150max	50max	120max	150max	50max	120max	150max	50max	120max	150max
OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	Fixed												
OUTPUT VOLTAGE SETTING[%]	±5max (Rated input/output, Ta=25°C)												
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically											
ISOLATION	INPUT-OUTPUT	AC500V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (20±15°C)											
	INPUT-CASE	AC500V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (20±15°C)											
	OUTPUT-CASE	AC500V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (20±15°C)											
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE	-10 to +60°C, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max											
	STORAGE TEMP., HUMID. AND ALTITUDE	-20 to +75°C, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max											
	VIBRATION	10 - 55Hz, 19.6m/s ² (2G), 3minutes period, 30minutes each along X, Y and Z axis											
	IMPACT	490.3m/s ² (50G), 11ms, once each X, Y and Z axis											

*1 Rated input 5V, 12V, 24V or 48V DC, Io=100%

*2 Measured by 20MHz oscilloscope.

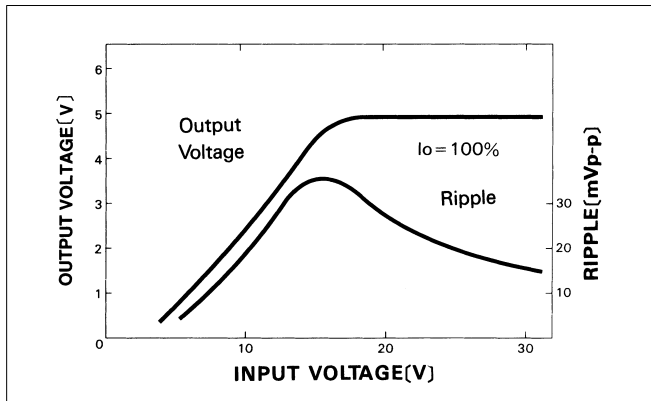
* Parallel operation with other model is not possible.

External view

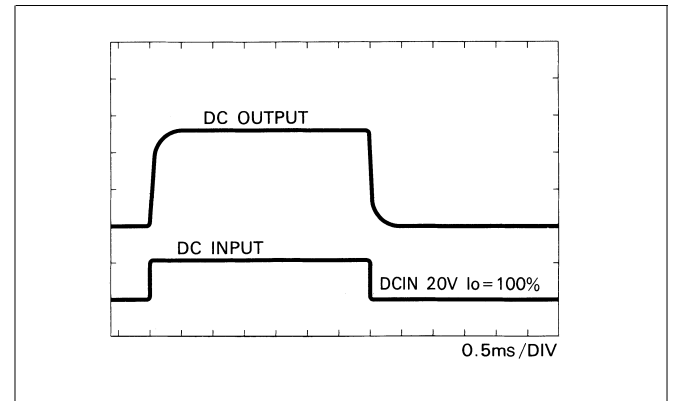


Performance data

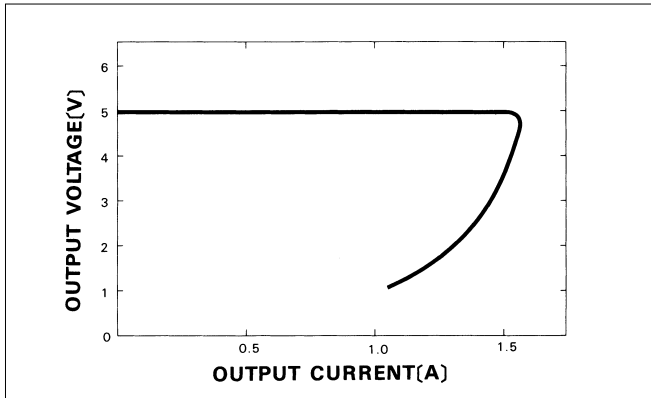
■ STATIC CHARACTERISTICS (ZS62405)



■ RISE TIME & FALL TIME (ZS62405)



■ OVERCURRENT CHARACTERISTICS (ZS62405)



■ DERATING CURVE

