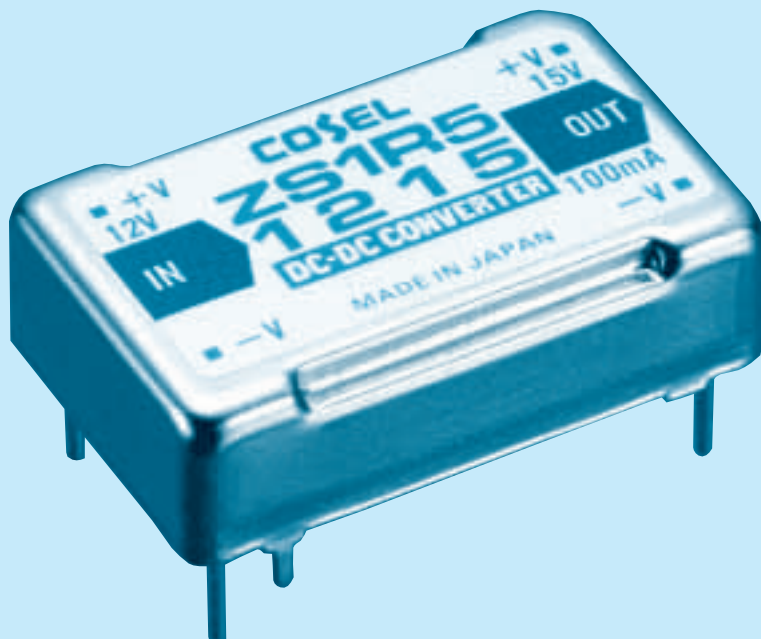


RoHS



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

MODEL	ZS1R50505	ZS1R50512	ZS1R50515	ZS1R51205	ZS1R51212	ZS1R51215	ZS1R52405	ZS1R52412	ZS1R52415	ZS1R54805	ZS1R54812	ZS1R54815
MAX OUTPUT WATTAGE[W]	1.25	1.44	1.5	1.25	1.44	1.5	1.25	1.44	1.5	1.25	1.44	1.5
DC OUTPUT	5V 0.25A	12V 0.12A	15V 0.1A	5V 0.25A	12V 0.12A	15V 0.1A	5V 0.25A	12V 0.12A	15V 0.1A	5V 0.25A	12V 0.12A	15V 0.1A

## SPECIFICATIONS

	MODEL	ZS1R50505	ZS1R50512	ZS1R50515	ZS1R51205	ZS1R51212	ZS1R51215	ZS1R52405	ZS1R52412	ZS1R52415	ZS1R54805	ZS1R54812	ZS1R54815
<b>Z INPUT</b>	VOLTAGE[V]	5 (4.5 - 6.0)			12 (10 - 15)			24 (20 - 30)			48 (35 - 63)		
	CURRENT[A]	*1 0.420typ	0.480typ	0.500typ	0.158typ	0.183typ	0.192typ	0.079typ	0.092typ	0.096typ	0.040typ	0.046typ	0.048typ
	EFFICIENCY[%]	60typ	60typ	60typ	65typ	65typ	65typ	65typ	65typ	65typ	65typ	65typ	65typ
<b>OUTPUT</b>	VOLTAGE[V]	5	12	15	5	12	15	5	12	15	5	12	15
	CURRENT[A]	0.25	0.12	0.1	0.25	0.12	0.1	0.25	0.12	0.1	0.25	0.12	0.1
	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		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)												
<b>PROTECTION CIRCUIT</b>	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically											
	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)											
<b>ISOLATION</b>	OUTPUT-CASE	AC500V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (20±15°C)											
	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											
<b>ENVIRONMENT</b>	VIBRATION	10 - 55Hz, 19.6m/s <sup>2</sup> (2G), 3minutes period, 30minutes each along X, Y and Z axis											
	IMPACT	490.3m/s <sup>2</sup> (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.