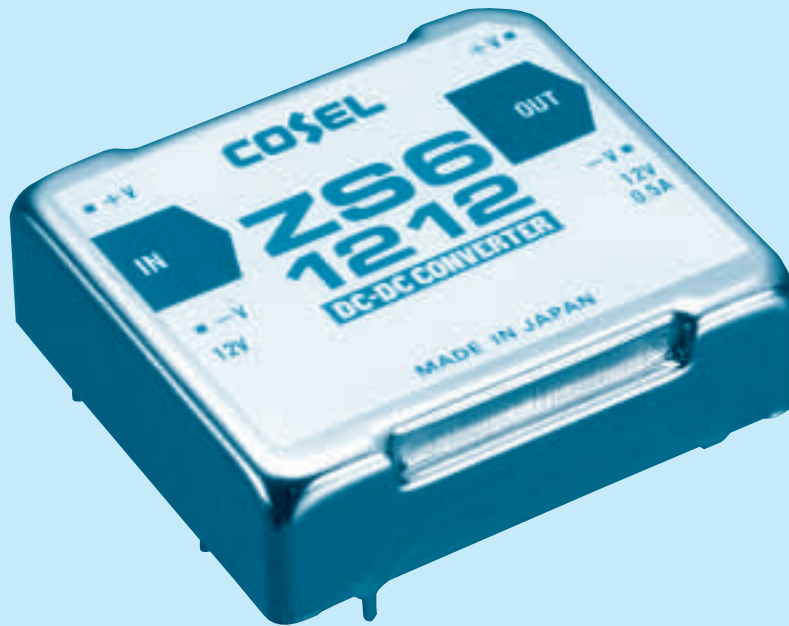


RoHS

- 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 |
|------------------------------------|---------------------------------------|--|----------|----------|--------------|----------|----------|--------------|----------|----------|--------------|----------|----------|
| Z 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 | | | | | | | | | | | |
| | 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) | | | | | | | | | | | |
| ISOLATION | 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 | | | | | | | | | | | |
| ENVIRONMENT | 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.