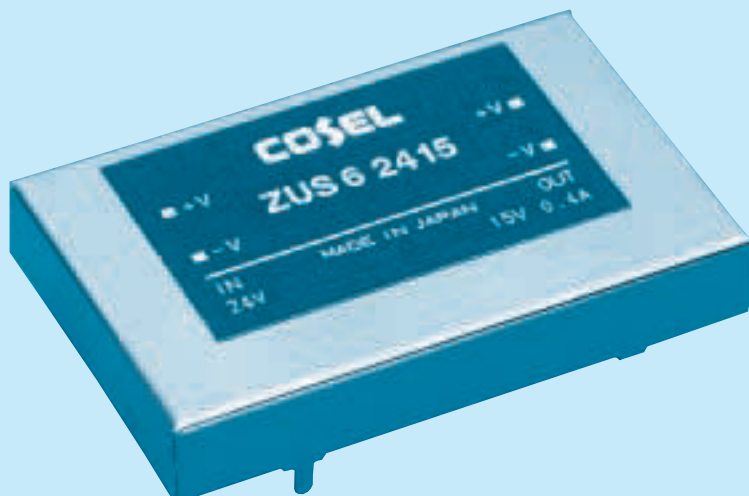




- 1 Series name
- 2 Single output
- 3 Output wattage
- 4 Input voltage
- 5 Output voltage

TRC Electronics, Inc.

Authorized Stocking Distributor

Tel: 973.779.8282

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stock, and technical assistance.

www.trcelectronics.com

MODEL		ZUS6053R3	ZUS60505	ZUS60512	ZUS60515	ZUS61205	ZUS61212	ZUS61215	ZUS62405	ZUS62412	ZUS62415	ZUS6483R3	ZUS64805	ZUS64812	ZUS64815
MAX OUTPUT WATTAGE[W]		3.3	5	6	6	6	6	6	6	6	6	3.3	6	6	6
DC OUTPUT	VOLTAGE[V]	3.3	5	12	15	5	12	15	5	12	15	3.3	5	12	15
	CURRENT[A]	1.0	1.0	0.5	0.4	1.2	0.5	0.4	1.2	0.5	0.4	1.0	1.2	0.5	0.4

SPECIFICATIONS

	MODEL	-ZUS6053R3	ZUS60505	ZUS60512	ZUS60515	ZUS61205	ZUS61212	ZUS61215	ZUS62405	ZUS62412	ZUS62415	-ZUS6483R3	ZUS64805	ZUS64812	ZUS64815
INPUT	VOLTAGE[V]	DC4.5 - 9				DC9 - 18			DC18 - 36			DC36 - 72			
	CURRENT[A]	*1 0.94typ	1.41typ	1.63typ	1.63typ	0.69typ	0.65typ	0.65typ	0.35typ	0.33typ	0.33typ	0.09typ	0.18typ	0.17typ	0.17typ
	EFFICIENCY[%]	*1 70typ	71typ	74typ	74typ	73typ	78typ	78typ	73typ	78typ	78typ	73typ	73typ	78typ	78typ
OUTPUT	VOLTAGE[V]	3.3	5	12	15	5	12	15	5	12	15	3.3	5	12	15
	CURRENT[A]	1.0	1.0	0.5	0.4	1.2	0.5	0.4	1.2	0.5	0.4	1.0	1.2	0.5	0.4
	LINE REGULATION[mV]	20max	20max	48max	60max	20max	48max	60max	20max	48max	60max	20max	20max	48max	60max
	LOAD REGULATION[mV]	40max	40max	100max	120max	40max	100max	120max	40max	100max	120max	40max	40max	100max	120max
	RIPPLE[mVp-p]	*2 80max	80max	120max	120max	80max	120max	120max	80max	120max	120max	80max	80max	120max	120max
	RIPPLE NOISE[mVp-p]	*2 120max	120max	150max	150max	120max	150max	150max	120max	150max	150max	120max	120max	150max	150max
	TEMPERATURE REGULATION[mV]	-20 to +55C	50max	50max	150max	180max	50max	150max	180max	50max	150max	180max	50max	150max	180max
	DRIFT[mV]	*3 20max	20max	48max	60max	20max	48max	60max	20max	48max	60max	20max	20max	48max	60max
	START-UP TIME[ms]	20max (Minimum input, Io=100%)													
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	Fixed													
	OUTPUT VOLTAGE SETTING[V]	3.20 - 3.47	4.85 - 5.25	11.40 - 12.60	14.25 - 15.75	4.85 - 5.25	11.40 - 12.60	14.25 - 15.75	4.85 - 5.25	11.40 - 12.60	14.25 - 15.75	3.20 - 3.47	4.85 - 5.25	11.40 - 12.60	14.25 - 15.75
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically													
ISOLATION	INPUT-OUTPUT	AC500V 1minute, Cutoff current = 10mA, DC500V 50MW min (20 t 15C)													
	INPUT-CASE	AC500V 1minute, Cutoff current = 10mA, DC500V 50MW min (20 t 15C)													
	OUTPUT-CASE	AC500V 1minute, Cutoff current = 10mA, DC500V 50MW min (20 t 15C)													
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE	-20 to +71C, 20 - 95%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max													
	STORAGE TEMP., HUMID. AND ALTITUDE	-40 to +85C, 20 - 95%RH (Non condensing), 9,000m (30,000feet) max													
	VIBRATION	10 - 55Hz, 98.0m/s ² (10G), 3minutes period, 60minutes each along X, Y and Z axis													
	IMPACT	490.3m/s ² (50G), 11ms, once each X, Y and Z axis													
SAFETY	AGENCY APPROVALS	UL1950, EN60950, CSA C22.2 No.950 Complies with IEC60950													
OTHERS	CASE SIZE/WEIGHT	44.5 x 7 x 28mm (W x H x D) / 25g max													
	COOLING METHOD	Convection													

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

*2 Measured by 20MHz oscilloscope.

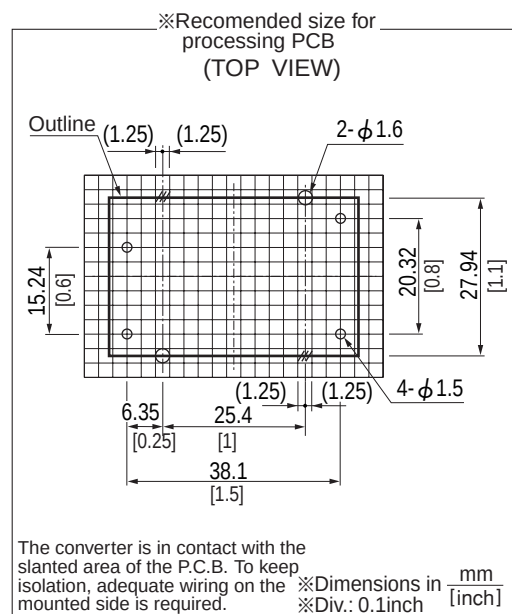
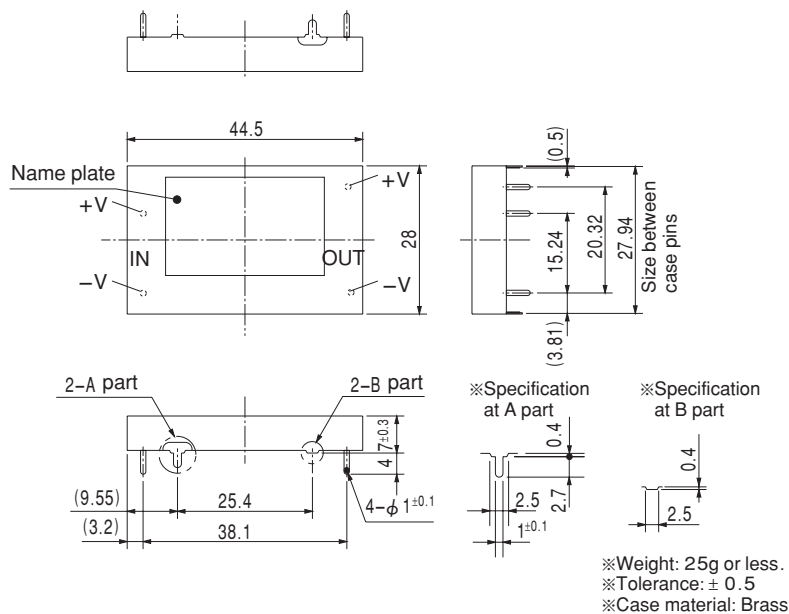
*3 The drift is a change at 25C of ambient temperature and 30 minutes - 8 hours after the in

* Series/Parallel operation with other model is not possible.

= marked models are pending for safety approvals. Consult with us for delivery.

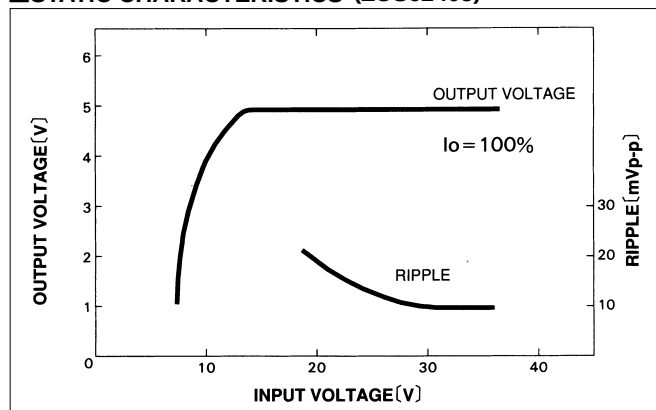
put voltage applied at rated input/output.

External view

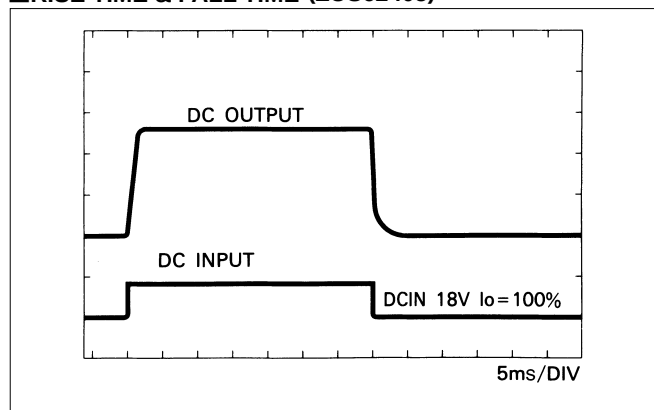


Performance data

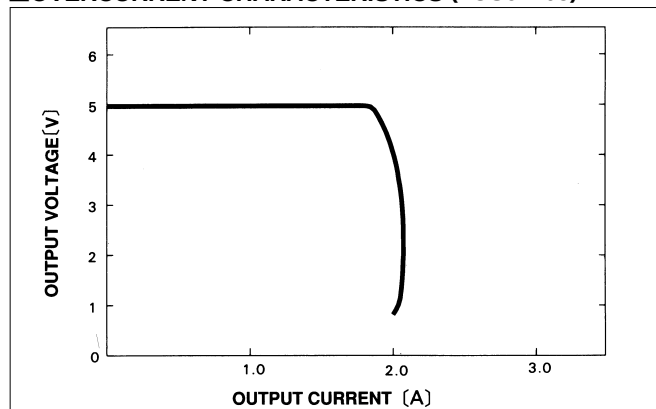
■ STATIC CHARACTERISTICS (ZUS62405)



■ RISE TIME & FALL TIME (ZUS62405)



■ OVERCURRENT CHARACTERISTICS (ZUS62405)



■ DERATING CURVE

