



Features:

- Universal / Full range AC input
- 3 pole IEC320-C14 (kettle) inlet
- Class I power (with earth pin)
- Fully enclosed attractive plastic case
- Small & Compact design
- Cost effective and high reliability
- Protections:
Over Voltage, Short circuit & Over Temp.
- Approvals: GS, UL/cUL & CE
- Level V ErP/EuP efficiency compliant
- MTBF >50,000 hours
- 1 Year Warranty



Output Characteristics								
Part Number	T3321ST	T3322ST	T3323ST *	T3324ST	T3325ST	T3326ST	T3327ST *	T3328ST*
Voltage	5Vdc	6Vdc	7Vdc	9Vdc	12Vdc	15Vdc	18Vdc	24Vdc
Current Max.	3.6A	3A	2.14	2A	1.5A	1.2A	0.83	0.63A
Current Min.	0A	0A	0A	0A	0A	0A	0A	0A
Power (watts)	18W	18W	15W	18W	18W	18W	15W	15W
Line Regulation	+/- 5%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%
Voltage Tolerance	+/- 5%	+/- 5%	+/- 5%	+/- 5%	+/- 5%	+/- 5%	+/- 5%	+/- 5%
Ripple & Noise (mV p-p)	100mV	100mV	150mV	100mV	100mV	100mV	150mV	150mV
Protections	Over Voltage: The output voltage shall be clamped by internal protection zener Short Circuit: Output shut down and auto restart Temperature: No ignition, smoke or deformation of the case							
Case Size (See below)	80.6x50x31	80.6x50x31	80.6x50x31	80.6x50x31	80.6x50x31	80.6x50x31	80.6x50x31	80.6x50x31
Weight (approx.)	150g	120g	120g	110g	120g	120g	183g	183g
DC Cord	1 Metre	1 Metre	1 Metre	1.5 Metre	1.5 Metre	1.8 Metre	1.8 Metre	1.8 Metre
DC Plug (mm)	R-A 2.1 C+ve	R-A 2.1 C+ve	R-A 2.1 C+ve	R-A 2.1 C+ve	R-A 2.1 C+ve	R-A 2.1 C+ve	R-A 2.1 C+ve	R-A 2.1 C+ve

Input Characteristics								
Rated Input Voltage	100-240Vac							
Full Input Voltage Range	90-264Vac							
Rated Frequency	50-60Hz							
Full Frequency Range	47-63Hz							
Efficiency (min.)	77.8%	80.2%	74.36% *	80.2%	80.2%	80.2%	65% *	65% *
Input Current (RMS Max.)	500mA	500mA	600mA	500mA	500mA	500mA	600mA	600mA
Inrush Current 115Vac: 230Vac:	40A Max. 80A Max.	40A Max. 80A Max.	30A Max. 60A Max.	40A Max. 80A Max.	40A Max. 80A Max.	40A Max. 80A Max.	30A Max. 60A Max.	30A Max. 60A Max.
Leakage Current	<0.25mA							
Input Power (no load)	<0.3W Max. (Level V ErP/EuP/CEC Compliant)							
AC Mains Inlet Plug	IEC320/C14 type (also known as IEC or Kettle)							

* Upgrade to level V efficiency currently pending on these units.

Safety, Mechanical and Other Characteristics	
Range Model Designations	3A-161DB & 3A-186DB (specified individually on each product label)
Hi-Pot Specification	1500Vac or 2121Vdc 10mA 1 min. (I.P. to O.P.)
Insulation Resistance	500Vdc to test the I.P.-O.P resistance not less than 100Mohm (I.P. to O.P.)
Operating Temperature	0°C to 40°C
Storage Temperature	-10°C to 70°C
Operating Humidity	20% to 80%
Storage Humidity	10% to 90%
Safety Approvals	UL/CUL, GS, RCM & PSE
EMI Standards	FCC Class B, CE & VCCI
PB-free	Yes. RoHS Compliant
MTBF	50K Hours (mean time before failure)



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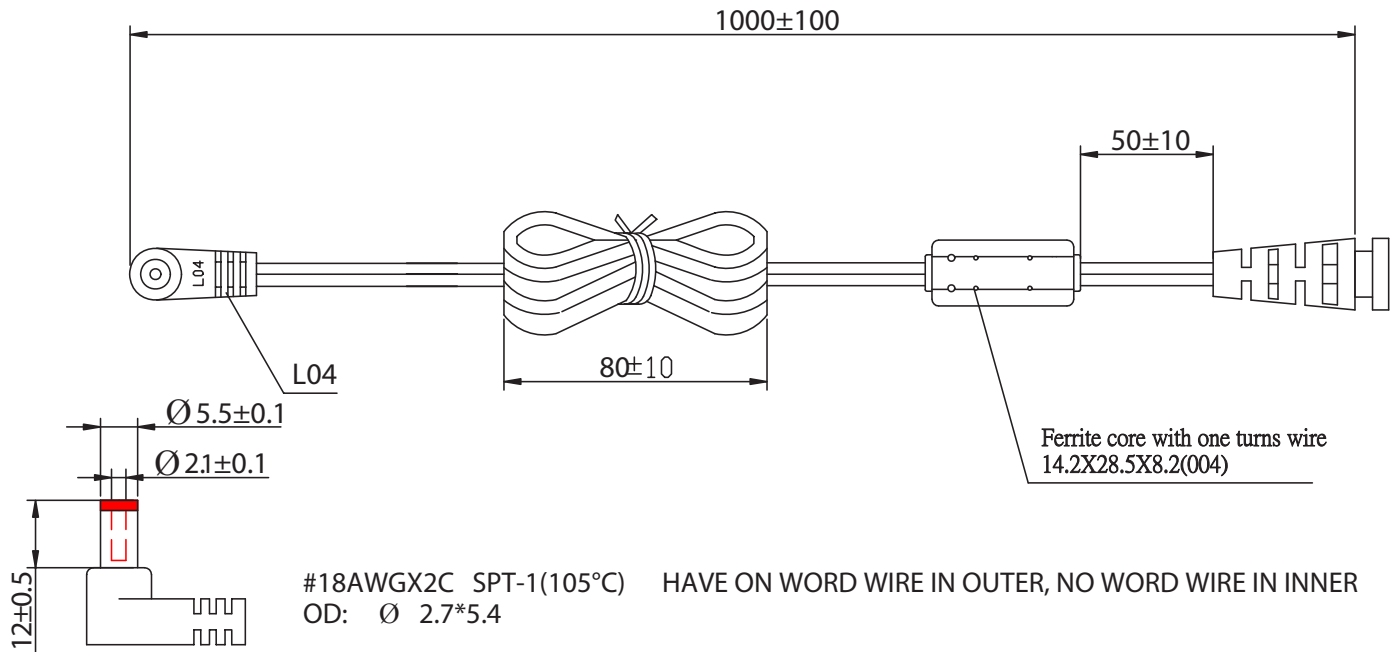
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Please Note: Image shown is representative of entire range. Individual PSU image &/or drawings or data sheets available on request.

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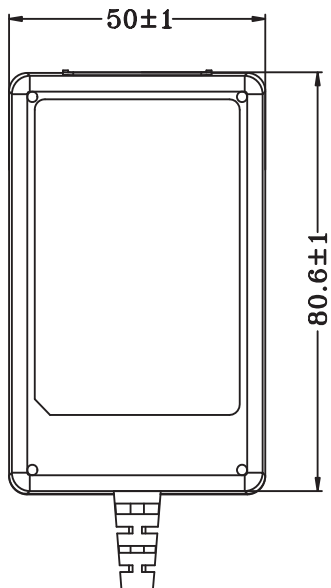
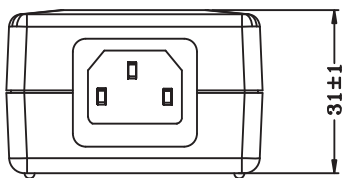
DC Plug & Lead Drawing

- 1M DC Lead:



Case Drawing

- 80.6x50x31mm:



Example Spec Label:

