

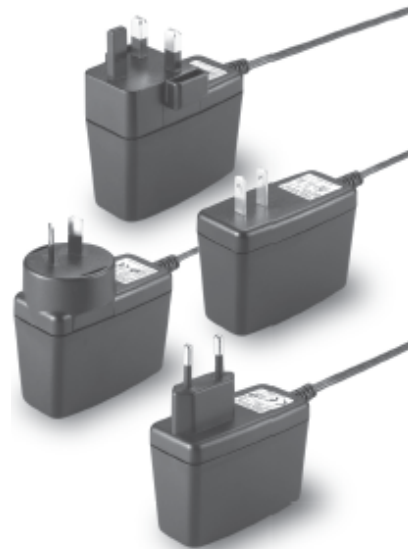


TR15 SERIES 15W SWITCHING ADAPTER



Features

- * Universal Input: 90-264Vac
- * EMI Meets EN55022 Class B and CISPR/FCC Class B, Conducted
- * Continuous Short Circuit Protection
- * Over Voltage Protection (Option)



Ordering information

TR15XX - x	XX	X	XX
Model No.	AC Plug Type	DC Plug Type	OVP Option DC Cable Length and Type
A: USA 2 Pin	* Please see Page 213 for more detailed descriptions	A: Without OVP Option	01: 720mm
E: Europe 2 Pin		E: With OVP Option	02: 1200mm
U: British 3 Pin			03: 1800mm
S: Australia 2 Pin			11: 7200mm with Ferrite Core
			12: 1200mm with Ferrite Core
			13: 1800mm with Ferrite Core
			* 20AWG / UL2468

MODEL	OUTPUT VOLTAGE	MAX. LOAD	MIN. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	SWITCHING FREQUENCY	(%) EFF.
TR1505	5V	2.0A	0A	1%	±2%	±1%	±4%	34KHz Typ.	67% min.
TR1506	6V	1.5A	0A	1%	±2%	±1%	±3%	34KHz Typ.	68% min.
TR1507	7.5V	1.6A	0A	1%	±2%	±1%	±3%	34KHz Typ.	70% min.
TR1509	9V	1.4A	0A	1%	±2%	±1%	±2%	34KHz Typ.	71% min.
TR1512	12V	1.0A	0A	1%	±2%	±1%	±2%	34KHz Typ.	74% min.
TR1512-01	13.6V	1.0A	0A	1%	±2%	±1%	±2%	34KHz Typ.	74% min.
TR1515	15V	1.0A	0A	1%	±2%	±1%	±2%	34KHz Typ.	75% min.
TR1518	18V	0.83A	0A	1%	±2%	±1%	±2%	34KHz Typ.	75% min.
TR1524	24V	0.63A	0A	1%	±2%	±1%	±2%	34KHz Typ.	77% min.

Specifications

INPUT SPECIFICATIONS:

Voltage	90~264Vac
Frequency	47 to 63Hz
Input Current	0.5A max.
Inrush Current	50A max. @264Vac
Isolation	Input to output = 4,242VDC
Leakage Current	0.25mA max.

OUTPUT SPECIFICATIONS:

Holdup Time	10ms typ. @115Vac
Short Circuit Protection	Continuous(Auto Recovery)
Over Voltage Protection	Option

ENVIRONMENTAL CHARACTERISTICS:

Operating Temperature	0 ~ 40°C
Storage Temperature	-20~85°C
Cooling	Natural Convection

MECHANICAL CHARACTERISTICS:

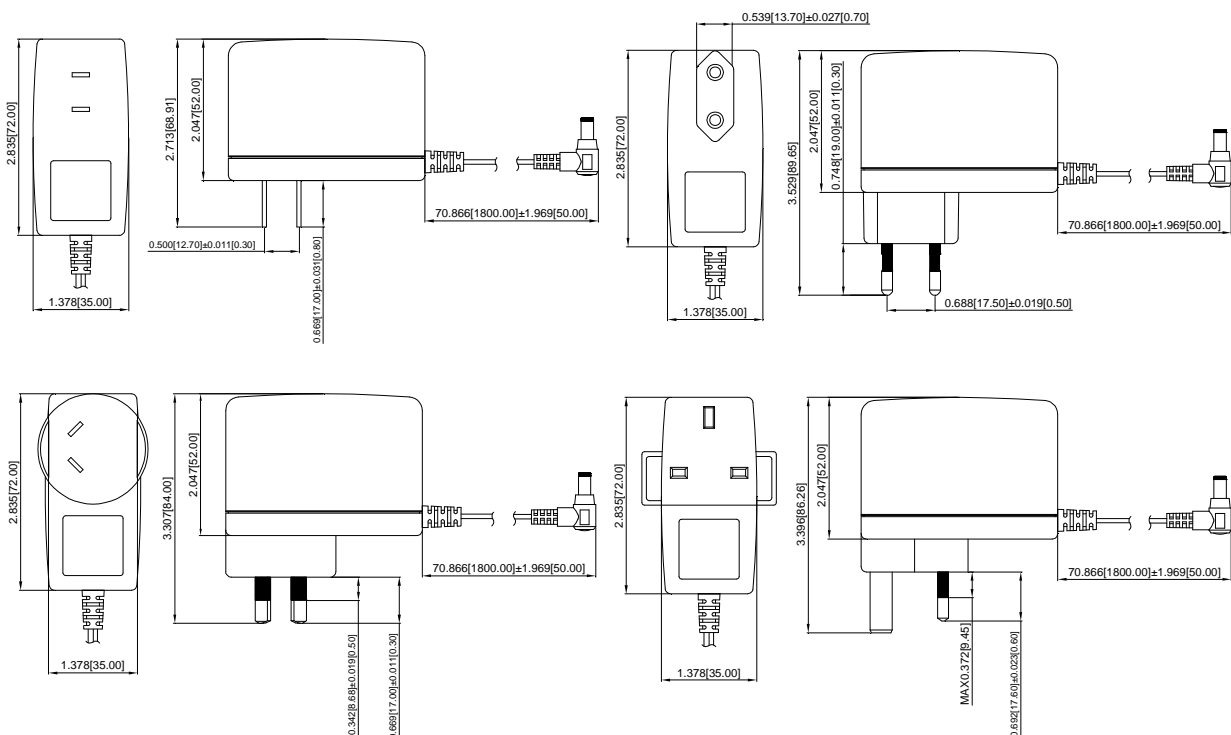
Dimensions	2.835x2.047x1.378Inches (72.00x52.00x35.00mm)
Weight	160g(0.35 Pounds)

Mechanical Specification

All Dimensions are in inches(mm)

Tolerance:Inches:X.XXX±0.02

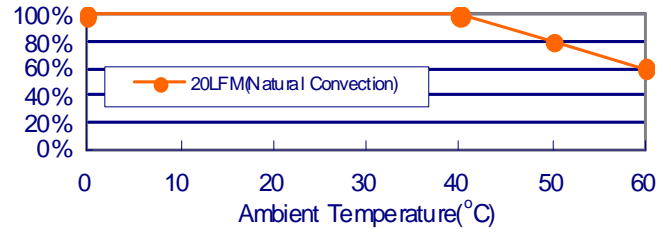
Millimeters:X.XX±0.5



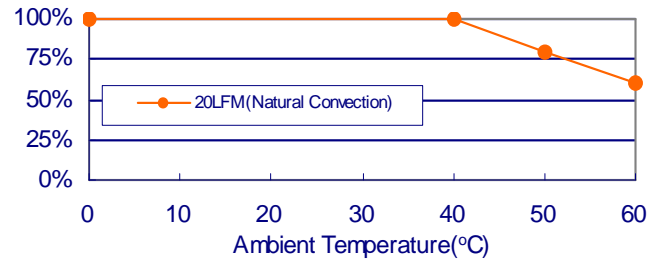
Typical at 25°C, nominal line and 75% load, unless otherwise Specified

TR15R Series Derating Curve

TR1505, 1506, 1507, 1509, 1512, 1512-01



TR1515, 1518, 1524



NOTE:

1. Voltage setpoint at 60% full load
2. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
3. Line regulation is measured from 100Vac to 240Vac with full load.
4. Load regulation is measured from 60% to 100% full load and from 60% to 20% load (60% +/- 40% load)