



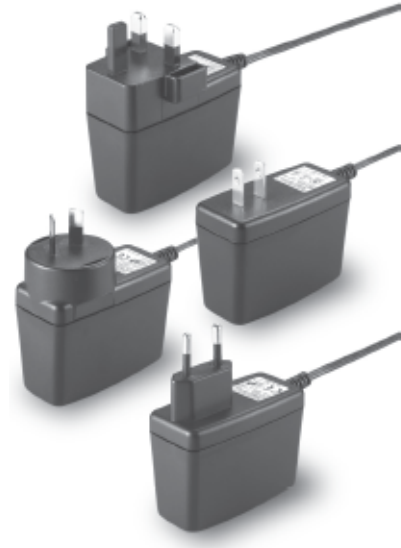
TRG15 SERIES

15W SWITCHING ADAPTER



Features

- * Universal Input: 90-264Vac
- * EMI Meets EN55022 Class B and CISPR/FCC Class B
- * Continuous Short Circuit Protection
- * Over Voltage Protection
- * Meet CEC & ErP Level V
(Output Cable Length $\leq$ 1800mm)



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		E: With OVP Option	01: 720mm
	E: Europe 2 Pin			02: 1220mm
	U: British 3 Pin			03: 1800mm
	S: Australia 2 Pin			11: 720mm with Ferrite Core
				12: 1220mm with Ferrite Core
				13: 1800mm with Ferrite Core
				* 18AWG / UL1185

MODEL	OUTPUT VOLTAGE	MAX. LOAD	MIN. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	%EFF. (Typ.)
TRG1505	5V	2.0A	0A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 4\%$	72%
TRG1506	6V	1.5A	0A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 3\%$	76%
TRG1507	7.5V	1.6A	0A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 3\%$	77%
TRG1509	9V	1.4A	0A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 2\%$	77%
TRG1512	12V	1.0A	0A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 2\%$	80%
TRG1512-01	13.6V	1.0A	0A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 2\%$	81%
TRG1515	15V	1.0A	0A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 2\%$	81%
TRG1518	18V	0.83A	0A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 2\%$	83%
TRG1524	24V	0.63A	0A	1%	$\pm 2\%$	$\pm 1\%$	$\pm 2\%$	83%

Specifications

INPUT SPECIFICATIONS:

Voltage	90–264Vac
Frequency	47 to 63Hz
Input Current	100Vac/0.5A max.,240Vac/0.25A max.
Inrush Current	50A max. @ 240Vac
Leakage Current	0.25mA max.

OUTPUT SPECIFICATIONS:

Holdup Time 10ms typ. @115Vac
Short Circuit Protection Hiccup Mode (Auto Recovery)
Over Voltage Protection TVS Component to Clamp

GENERAL SPECIFICATIONS:

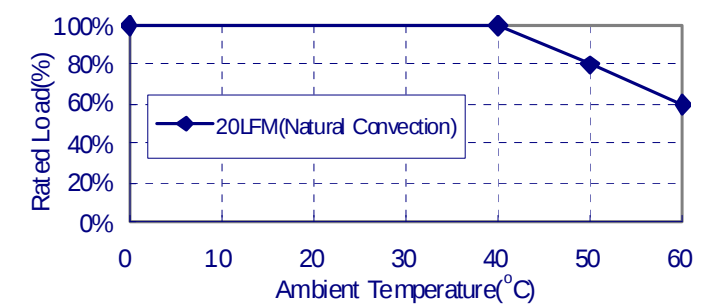
Isolation	Input to output = 4,242VDC
Operating Temperature	0°C ~ 60°C (see derating curve)
Storage Temperature	-20~85°C
Humidity	93% RH max. Non condensing
Cooling	Natural Convection
Switching Frequency	87KHz Typical
MTBF	MIL-HDBK-217F, GB, at 25°C/115VAC
Altitude	2000m
Dimensions	2.835x2.047x1.378Inches (72.00x52.00x35.00mm)
Weight	140g(0.31 Pounds)

SAFETY AND EMC:

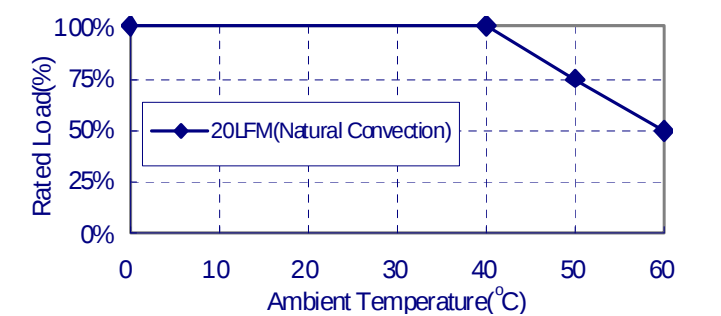
Emission and Immunity	EN55022 Class B, FCC Part 15 Class B EN61000-6-3, EN61000-3-2, EN61000-3-3 EN55024, EN61204-3, EN61000-6-1
Safety	IEC60950-01, EN60950-1, UL60950-1

TRG15R Series Derating Curve

TRG1505, 1506, 1507, 1509, 1512, 1512-01



TRG1515, 1518, 1524

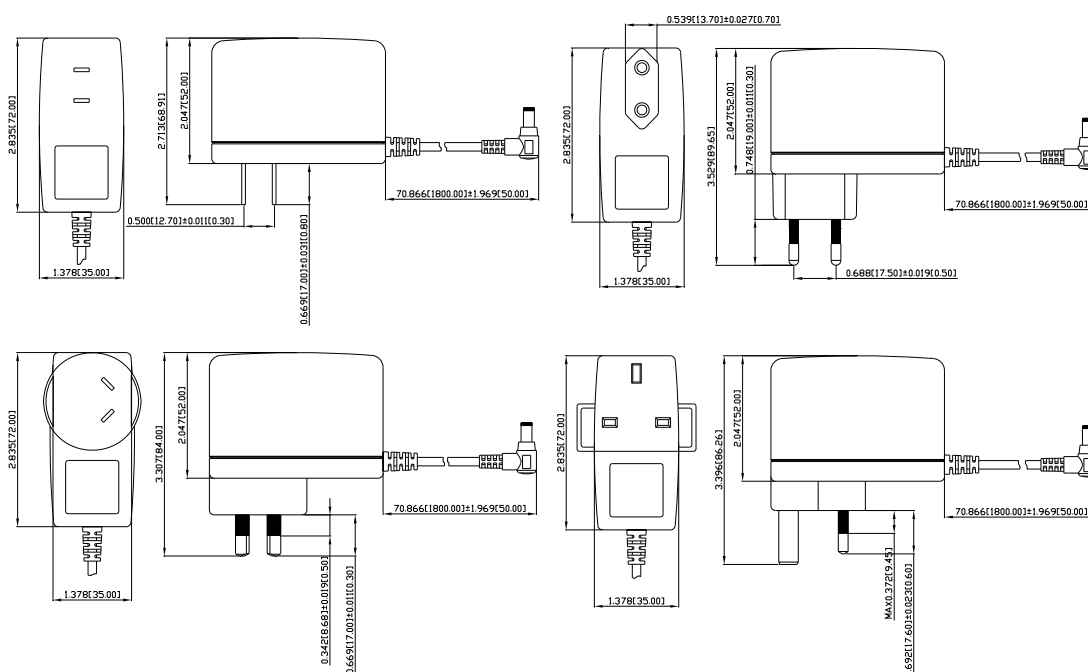


NOTE:

1. Voltage setpoint at 60% full load
2. Add a 0.1 μ F ceramic capacitor and a 10 μ F 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)

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Cincon:

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