



10W USB Interchangeable Plug Adapter



Features

- USB Socket
- Field Changeable AC Plugs – sold separately
- US DoE Level VI Efficiency Compliance
- Ecodesign/ErP Lot 7 (EU) 2019/1782 Compliance
- EU COC V5 Tier 2 Compliance
- AS/NZS 4665.1-2005+A1:2009, AS/NZS 4665.2-2005+A1:2009 Compliance
- Voltage Drop Compensation
- The charging scheme: Data Lines (Pins 2 and 3) Shorted

Applications

- Personal Electronics
- Portable Equipment
- Peripherals
- Networking

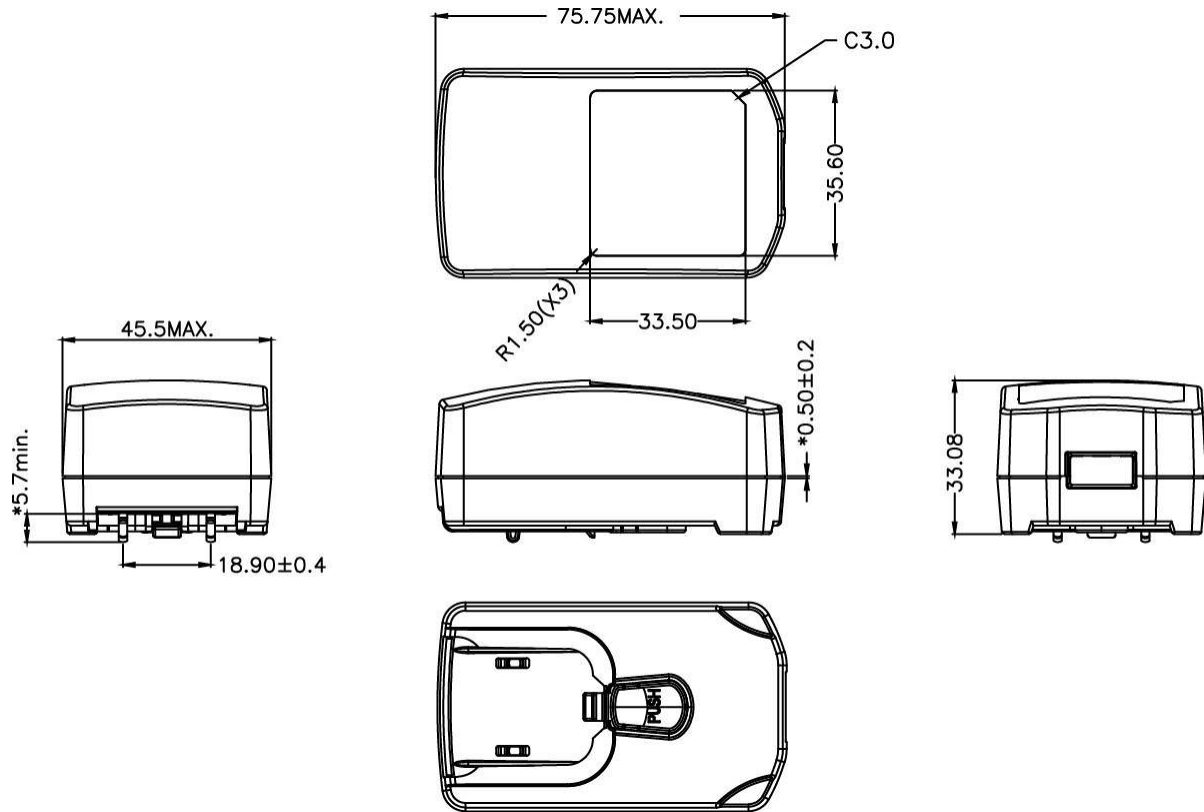


PSAF10R-050QA-R Specifications¹

Model		PSAF10R-050QA-R
Output	DC Output Voltage	5.0V
	Max Current	2.0A
	Output Power	10.0W
	Regulation	± 5%
	Ripple & Noise P-P(max) ²	150mV
Input	AC Input Voltage Range	90 to 264VAC
	AC Input Frequency	47 to 63Hz
	Input Current	0.28A (RMS) max for 115Vac/60Hz 0.16A (RMS) max for 230Vac/50Hz
	Inrush Current	60A max. @230VAC/50Hz
	No Load Power Consumption at 115VAC Input	≤ 0.1 W
	No Load Power Consumption at 230VAC Input	≤ 0.075 W
	115VAC Average Efficiency ³	≥ 78.7%
	230VAC Average Efficiency ³	≥ 79.0%
	230VAC 10% Load Efficiency ³	≥ 69.7%
	Leakage Current	20uA max @254VAC/50Hz
Protection	Over-Voltage	8.0V max
	Short Circuit	Auto recovery and no component damage
	Over-Current	3.0A max
Environmental	Operating Temperature	0°C to +40°C
	Non-Operating Temperature	-20° to +70°C
	Operating Humidity	90% RH max
Safety Approvals and EMC	Dielectric Withstand (HI-POT)	Primary to Secondary: 3000VAC for 1min, 10mA
	Insulation Resistance	Primary to Secondary: 10M ohm for 500VDC, 1min
	Standards	cULus 62368-1, IEC 62368-1, AS/NZS 62368.1:2018, BIS, PSB, KC, BSMI, CCC
	EMI Emissions	FCC Part 15 Class B, CAN ICES-003(B)/NMB-003(B), EN 55032/CISPR 32, KCC Class B Conducted and Radiated
	Harmonic Current Emissions	IEC 61000-3-2
	Voltage Fluctuations & Flicker	IEC 61000-3-3
	Immunity	EN 55035/CISPR 35: IEC 61000-4-2 (+/- 15kV air, +/-8kV contact), IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5 (+/- 2kV), IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11
Mechanical	Dimensions (L x W x H)	75.75mm (2.98in) x 45.5mm (1.79in) x 33.08mm (1.30in)
	Weight	52g
	DC Output Connector	USB Type A
Notes	<ol style="list-style-type: none"> The specifications defined are at ambient temperature of 25°C, unless otherwise specified. 20MHz bandwidth frequency oscilloscope, add a 0.1µF multilayer Cap. and Low ESR Electrolytic Cap. (10µF) at output connector terminals (nominal line voltage, full load). Efficiency is measured after 30 minutes burn-in. 	



PSAF10R-050QA-R Outline Drawing



Supplier's Declaration of Conformity
47 CFR § 2.1077 Compliance Information

MODEL: PSAF10R-050QA-R


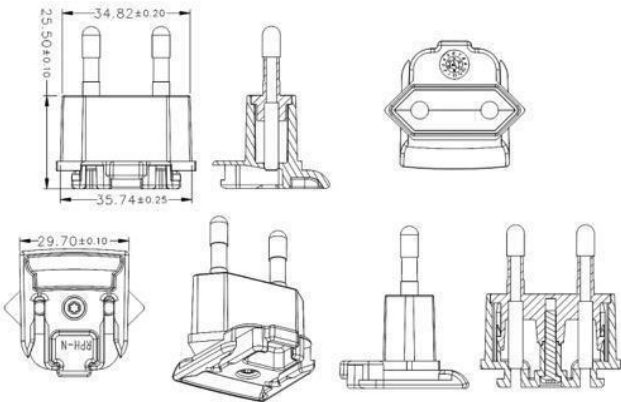

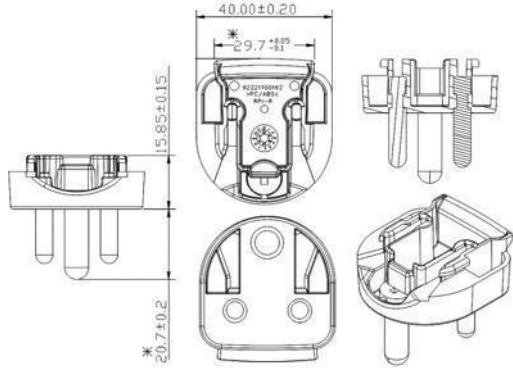

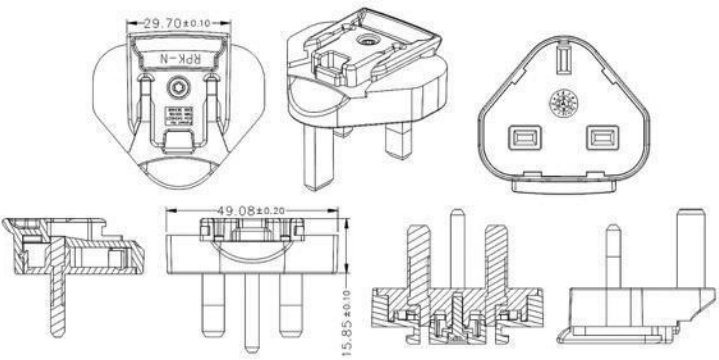

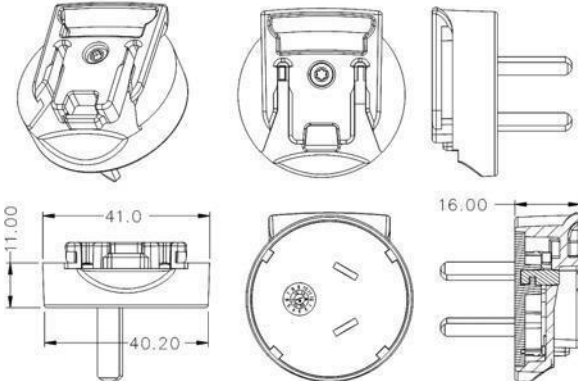
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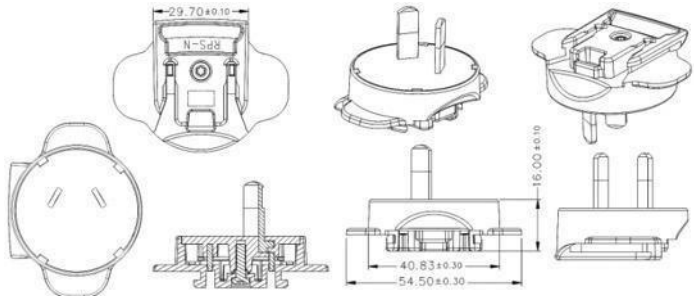

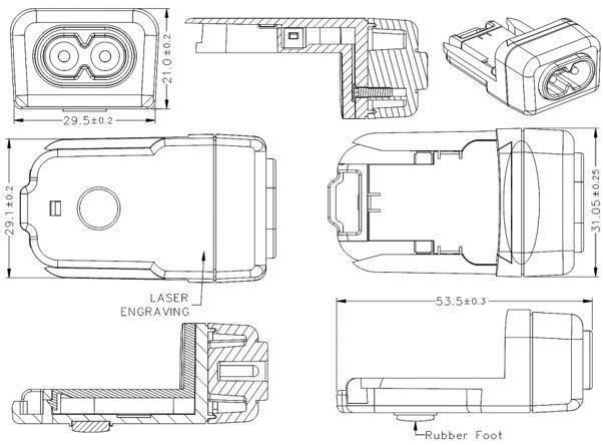

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



AC Input Clips – Sold Separately

Model	Photo	Description	Outline Drawing - mm
RPA-AB01B-H		US Clip	
RPB-AB01B-H		Brazil Clip	
RPC-AB01B-H		China Clip	
RPE-AB01B-H		Europe Clip	

Model	Photo	Description	Outline Drawing - mm
RPH-AB01B-H		Korea Clip	
RPI-AB01B-H		India Clip	
RPK-AB01B-H		UK Clip	
RPN-AB01B-H		Argentina Clip	

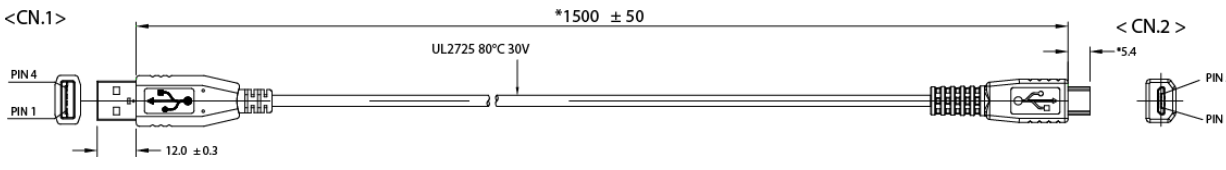
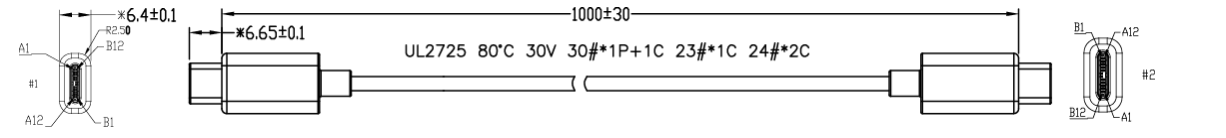
Model	Photo	Description	Outline Drawing - mm
RPS-AB01B-H		Australia Clip	
RPX-03-R		C8 Clip	
RPBAG-AB01B-H	<p>Product package comes with RPA-AB01B-H, RPE-AB01B-H, RPK-AB01B-H and RPS-AB01B- in a plastic bag.</p> 		



USB Cables – Sold Separately

Unit: mm

Part no: IP-USB1(C10)S	Desc: USB-A to Micro-B – 1 Meter – Black
Part no: IPUSB1CS	Desc: USB to Mini-B – 1.5 Meter – Black
Part no: IPUSB1MS	Desc: USB-A to Micro-B – 1.5 Meter – Black
Part no: IPUSB1M5LD	Desc: USB-A to Micro-B – 24AWG – Low Drop – 1.5 Meter – Black
Part no: IPUSB1P5	Desc: USB-A to Micro-B – 1 Meter – 24AWG – Black
Part no: IPUSB1P5W	Desc: USB-A to Micro-B – 1 Meter – 24AWG – White

Part no: IPUSB1MSW	Desc: USB-A to Micro-B – 1.5 Meter – White
	
Part no: UES-1001A160	Desc: Low Drop Type-C USB Cable – 1 Meter – 23AWG on Power – 30AWG on Data - Black
	
Part no: UES-1003A160	Desc: Low Drop Type-C USB Cable - 1 Meter – 23AWG on Power – 30AWG on Data - White
