

INPUT

parameter	conditions/description	min	typ	max	units
voltage		90		264	Vac
frequency		47		63	Hz
current				0.31	A
inrush current	at 240 Vac, full load, 25°C, cold start			60	A
leakage current				0.25	mA
no load power consumption	at 115/230 Vac			0.075	W

OUTPUT

parameter	conditions/description	min	typ	max	units
regulation			±5		%

PROTECTIONS

parameter	conditions/description	min	typ	max	units
over voltage protection	output shut down			180	%
over current protection	output shut down, auto recovery				
	5 Vdc model			5.0	A
	5.9 Vdc model			4.5	A
	9 Vdc model			3.0	A
	12 Vdc model			2.5	A
	24 Vdc model			1.5	A
short circuit protection	output shut down, auto recovery				

SAFETY & COMPLIANCE

parameter	conditions/description	min	typ	max	units
isolation voltage	input to output at 10 mA for 1 minute		3,000		Vac
isolation resistance	input to output at 500 Vdc	10			MΩ
safety approvals	UL/cUL, LPS, PSE				
EMI/EMC	FCC Part 15B Class B				
MTBF	as per Telcordia SR-332, at 25°C	300,000			hours
RoHS	2011/65/EU				

ENVIRONMENTAL

parameter	conditions/description	min	typ	max	units
operating temperature		0		40	°C
storage temperature		-20		80	°C
operating humidity	non-condensing	20		80	%
storage humidity	non-condensing	10		90	%

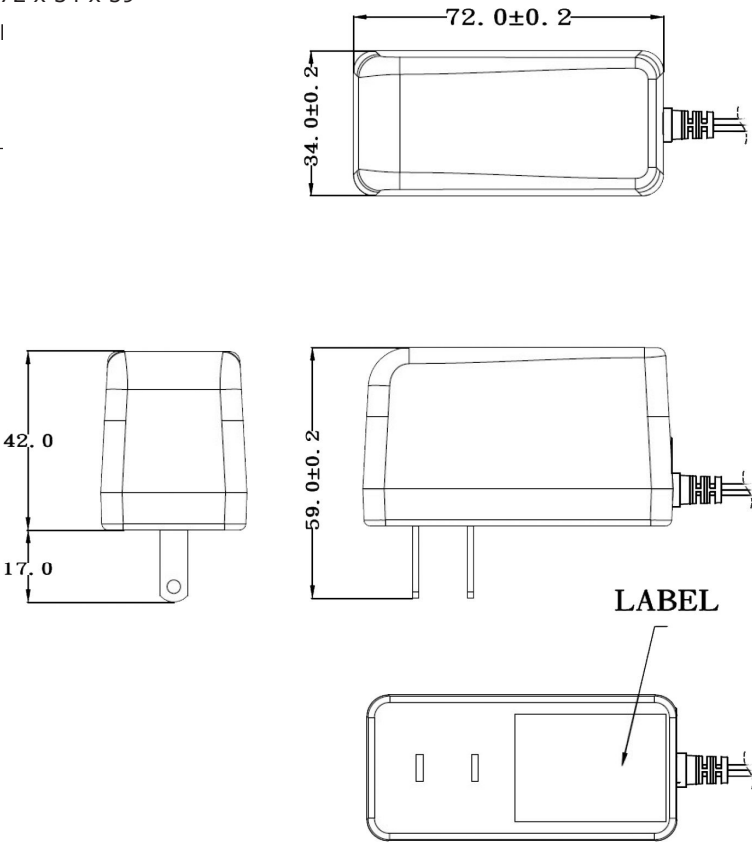
DESCRIPTION: AC-DC POWER SUPPLY

MECHANICAL

parameter	conditions/description	min	typ	max	units
dimensions	72 x 34 x 59				mm
inlet plug	I				
weight			126		g

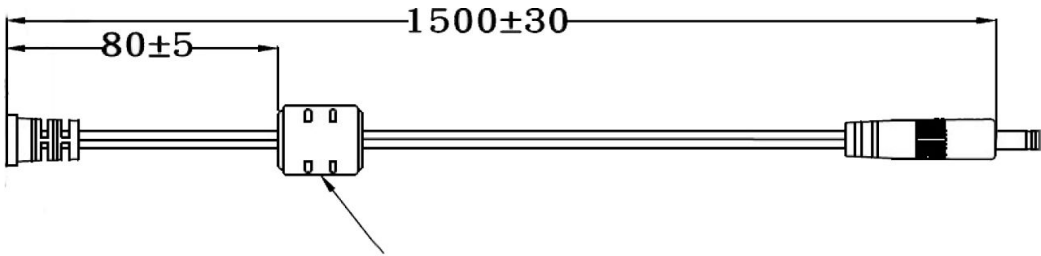
MECHANICAL DRAWING

units: mm



DC CORD

units: mm



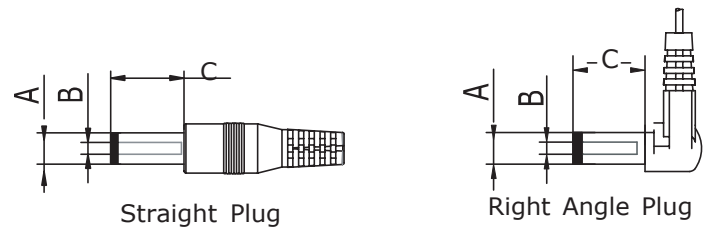
DC cord circled one time to core

Table 1

MODEL NO.	CABLE	CORD LENGTH
SWI12-5-N	UL2468, 18 AWG	1,500 mm ±30
SWI12-5.9-N	UL2468, 20 AWG	1,500 mm ±30
SWI12-9-N	UL2468, 20 AWG	1,500 mm ±30
SWI12-12-N	UL2468, 22 AWG	1,500 mm ±30
SWI12-24-N	UL2468, 22 AWG	1,500 mm ±30

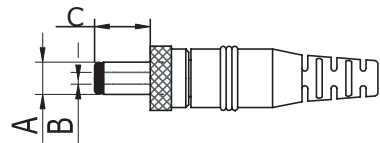
OUTPUT PLUG OPTIONS

Standard DC Plug



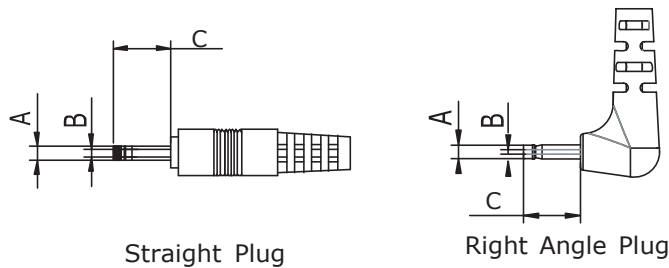
Size	A	B	C	Unit
5	5.5	2.1	9.5	mm
6	5.5	2.5	9.5	mm
7	3.5	1.35	9.5	mm
8	3.8	1.35	9.5	mm
9	3.8	1.05	9.5	mm

Locking DC Plug



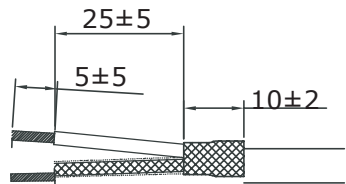
Size	A	B	C	Unit
10	5.5	2.1	9.5	mm
11	5.5	2.5	9.5	mm

EIAJ DC Plug



Size	EIAJ	A	B	C	Unit
12	EIAJ-1	2.35	0.7	9.5	mm
13	EIAJ-2	4.0	1.7	9.5	mm
14	EIAJ-3	4.75	1.7	9.5	mm

Stripped and Tinned



DC Plug Type

