

Power Supply SDC 12 1000

12VDC, 1A



Power Supply 12VDC, 1A. Switches, Attenuators, Lasers, Modulators

Features

- 12VDC
- 1A

Specifications

Parameter	Min	Typical	Max	Unit
Output Voltage		12		VDC
Output Current		1		A
Connector Type	2.1/5.5 mm Phono Plug			
Compatible Products	Switches, Attenuators, Lasers, Modulators			

Applications

- Power Supply
- Switches, Attenuators, Lasers, Modulators

Note: The specifications provided are for general applications with a cost-effective approach. If you need to narrow or expand the tolerance, coverage, limit, or qualifications, please [click this link](#):

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Rev 10/23/25

Power Supply SDC 12 1000

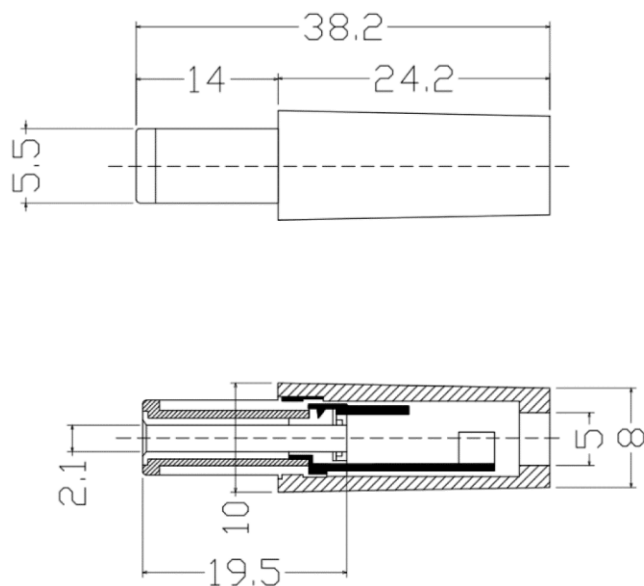
12VDC, 1A



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Mechanical Dimensions (mm)

Mechanical Dimensions (mm) -- Connector



Electrical parameter

Project	Parameter
Connector pin out	
Current rating/Voltage	5A/50V
Insulation resistance	≥100MΩ
Contact Impedance	≤50mΩ
Withstanding voltage	≥1500VAC/1min
Durability	≥1X100000 Cycles

*Product dimensions may change without notice. This is sometimes required for non-standard specifications.

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Ordering Information (Part Number)

	□ □	□ □	□	1	1	1	1
Prefix	Output Voltage	Output Current	Connector Type ^[1]				
SDC-	12VDC = 12	1A = 10	2.1/5.5 mm Phono Plug = 1				

[1]. The default connector configuration uses fiber with 0.9 mm buffer protection. The connector cannot be installed directly onto bare fiber because the bare fiber is prone to damage during shipping. However, the connector can be assembled on bare fiber if a 3 cm protective loose tube is added for reinforcement. The customer may remove this protective tube after testing. The optical power handling of a standard connector is less than 0.5 W for SMF-28 fiber and decreases further for smaller-core fibers.

Application Notes

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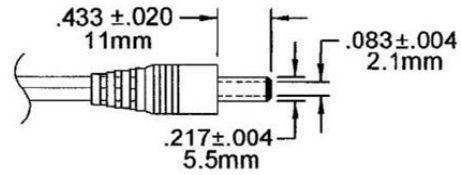
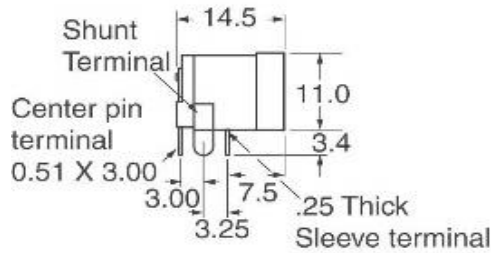
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Power Connector

Power Barrel Connector Jack 2.00mm ID (0.079"), 5.50mm OD (0.217") Through Hole, Right Angle



12V Wall Plug DC Power Supply Interface

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