DC Power Jack With Switch



Features
- Metal solder tabs for secure connection
- PCB mount
- Integrated switching mechanism (N.C. type)

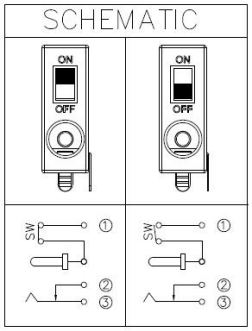
Characteristics
- Contact pins are turned from solid material

Weblinks
Dimension Drawing、Detailed request for product

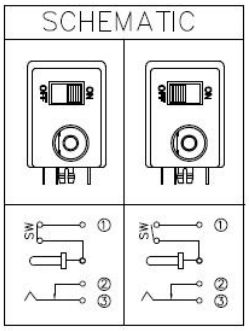
Technical Data

Contact Rating	7A/12VDC
Intial Contact Resistance	30mΩ(MAX)500VDC
Dielectric Strength	500VAC/0.5mA 1MINUTE
Allowable Operation Temperature	-40°C~+80°C
Electrical Life	5000 Cycles min
Material: Housing	PC,UL 94V-0,Black

Electrical Schematic



SD-05-01DA



SD-05-03FA

Description

This is a PCB-mount DC power jack with integrated switch, designed for high-current, low-loss operation. It offers a high safety insulation margin, effectively balancing superior electrical performance with optimized space utilization.

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
IEC	Designed according to	UL 61058-1	Switches for appliances – Part 1: General requirements
JEITA EIAJ	Designed according to	JEITA/EIAJ RC-5320A	Plugs and Jacks for coupling an external low voltage power supply (Unified polarity Type)

Application standards

Application standards where the product can be used

Organization	Design	Standard	Description
IEC	Suitable for	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part1: Safety requirements

Compliances

The product complies with following Guide Lines

Organization	Details	Initiator	Description
RoHS	RoHS	CHY-TECH	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
REACH	REACH	CHY-TECH	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as"REACH") entered into force.