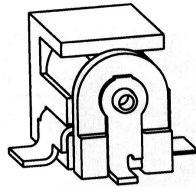


DC Power Connectors

Order code	Manufacturer code	Description
20-0894	n/a	SMT 1.3MM POWER SOCKET
20-0896	n/a	SMT 2.1MM POWER SOCKET
20-0898	n/a	SMT 2.5MM POWER SOCKET

DC Power Connectors	Page 1 of 2
The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003

Surface Mount DC Power Sockets



Features and Benefits

- Right-angle power jack for PC mounting.
- Three center conductor pin diameters: 1.3, 2.1 and 2.5mm.
- Heat resistant materials for high temperature soldering.
- Flat top aids automatic placement on PC boards.
- Terminals : Brass, solder-plated
- Spring : Copper alloy, solder-plated.

Applications

- DC-powered hand held instrumentation.
- Portable computers.
- Cellular/portable phones.
- Battery chargers.
- External low voltage power supplies for instrumentation and more.

Specifications

Materials

Housing: High grade thermoplastic UL 94V-0.
Center Pin: Brass, nickel-plated.

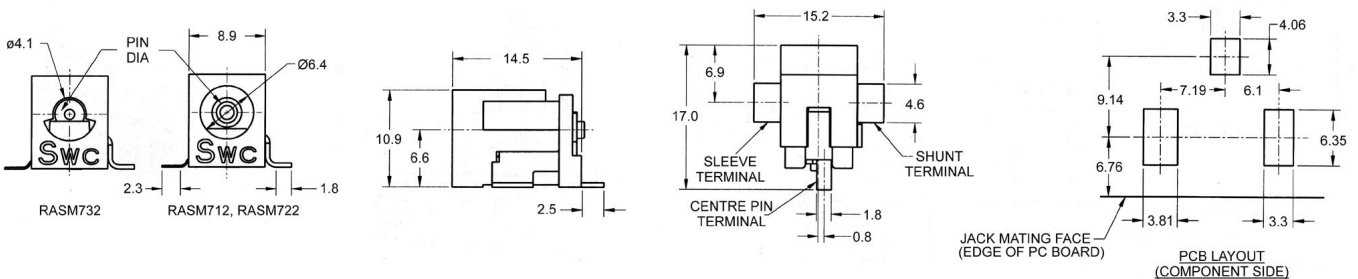
Mechanical

Life: 5,000 cycles minimum.
Insertion Force: 5 lb. maximum.
Withdrawal Force: 0.5 lb. minimum.

Electrical

Contact Resistance: 30 mΩ maximum
Insulation Resistance: 30MΩ @ 100V DC
Dielectric Withstand Voltage: 250V AC for 1 minute
Current (carrying): 5A

Technical Diagram



RASM 712, 722 and 732

Switchcraft Type	Description
RASM732	1.3mm SMT Power Socket
RASM722	2.1mm SMT Power Socket
RASM712	2.5mm SMT Power Socket