

## AUDIO

## PCB STRAIGHT DC SOCKETS

SECTION 6

- Competitively priced
- Industry Compatible
- PCB Mounting



### SPECIFICATION

#### Contact resistance (DCR 0.1A)

1, Initial, before any testing:

- (1) Between the terminals (NC): 30mΩ
- (2) Plug to sleeve, tip, ring (NO) contact: 50mΩ

2, After life test with mating plug:

- (1) Between the terminals (NC): 60mΩ
- (2) Plug to sleeve, tip, ring (NO) contact: 100mΩ

**Insertation Force:**

0.3kg - 1.5kg

Terminals must withstand a 500g minimum pull for 10 seconds

**Extraction Force:**

0.3kg - 1.5kg

before movement or break from housing occurs

**Soldering Heat:**

Terminal for PC board temperature: 260 ± 5 °C for 5 ± 1.0 seconds

**Operating Temperature range:**

-25 °C to 80 °C

**Insulating Resistance:**

More than 100MΩ by 500v DC at 90 - 95% RH, 40 °C

**Voltage Test:**

Withstand 0.5mA 500v AC between any open terminal for one minute

**Lifetime:**

Withstand more than 5000 cycle's insertion and withdrawal with testing plug

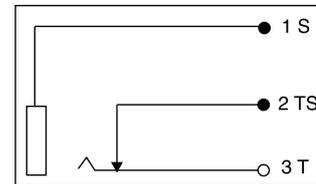
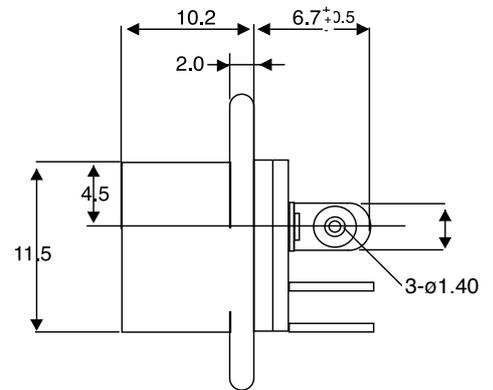
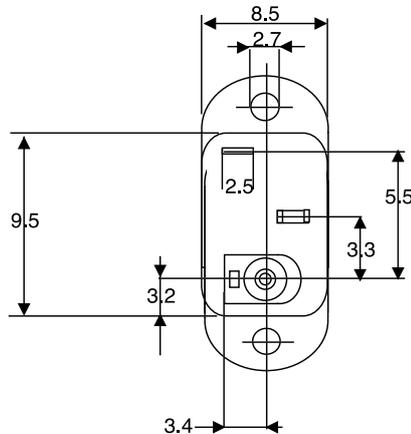
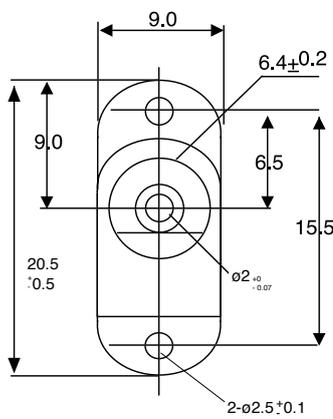
**Rated Voltage:**

16vdc

**Rated Current:**

20mA - 0.3A

### OUTLINE DRAWING



### ORDERING INFORMATION

<b>DBC</b>	<b>PJ</b>	<b>0204</b>	<b>1</b>
Dubilier Connectors	DC Jack Socket Connector	Series	1 = 2.5mm Blank = 2mm