

2.5 MM AUDIO JACKS

Specifications

Mechanical

- Insertion and extraction force of jack shall be measured with a load cell or equivalent. The matching plug shall be inserted into and extracted from the jack slowly.
- The value of insertion force:
Before test or initial: 0.4kg to 2kg.
After life test: 0.3kg to 2kg.
- The value of extraction force:
Before test or initial: 0.4kg to 2kg.
After life test: 0.3kg to 2kg.

Life Test

The life test to be made by 5,000 cycles of insertion and extraction (with the matching plug) at a rate of 20 to 30 cycles per minute, under no load.

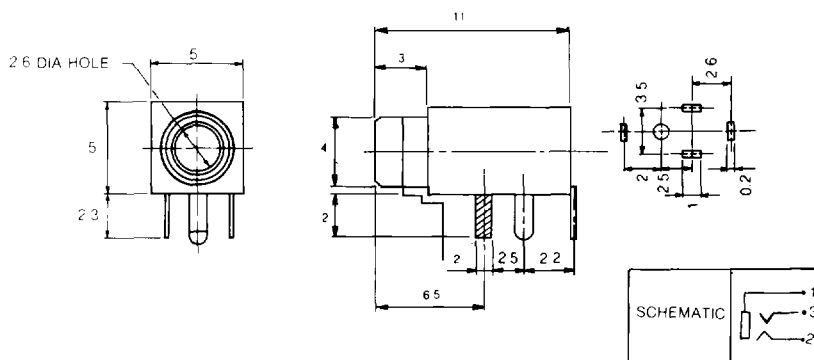
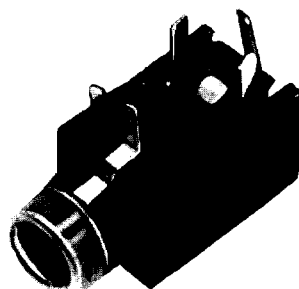
Electrical

- Insulation resistance between mutually insulated terminals or metallic parts shall not be less than 50 megohms before test or initial, using a 500 volts DC insulation resistance meter.
- Contact resistance between terminals of the jack (to be made a closed circuit) shall not exceed 30 milliohms before test or initial, and shall not exceed 60 milliohms after life test, at a current of below 100mA and at a frequency of 1KHz, by the voltage drop method or four terminals method.

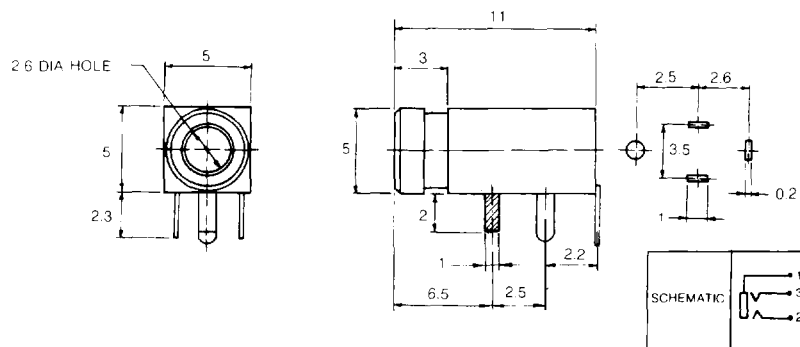
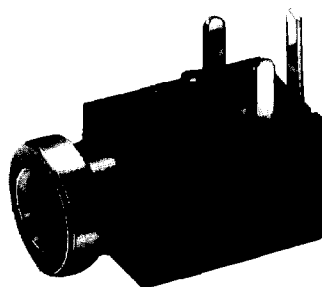
Test Conditions

Unless otherwise specified herein, all measurements and tests shall be made at a temperature of 5°C to 35°C, and at a relative humidity of 40% to 85%.

SJS-0253A-2 (PC mount)

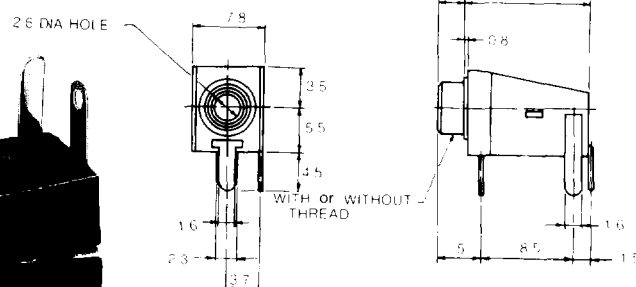
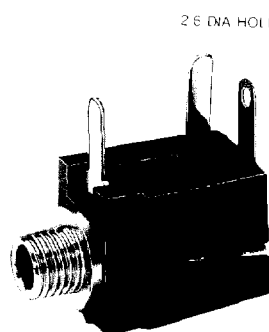


SJS-0253B (PC mount)

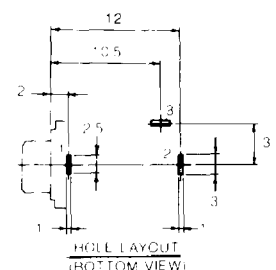


SJ-0251 (PC mount, w/nut)

SJ-0251A (PC mount, w/o nut)



MODEL NO	SJ-0251	SJ-0251A
SLEEVE	M4 0.5	4 DIA
SCHEMATIC		



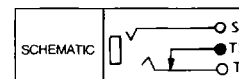
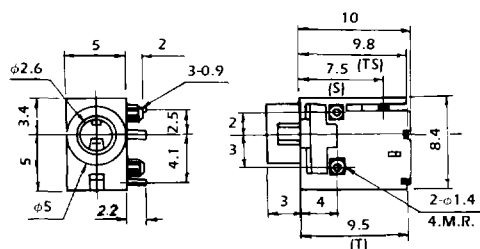
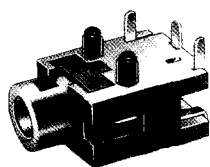
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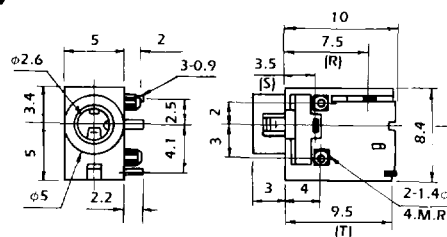
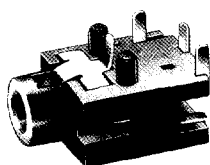
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2.5 MM AUDIO JACKS

SJ-0252-B (PC mount)

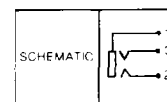
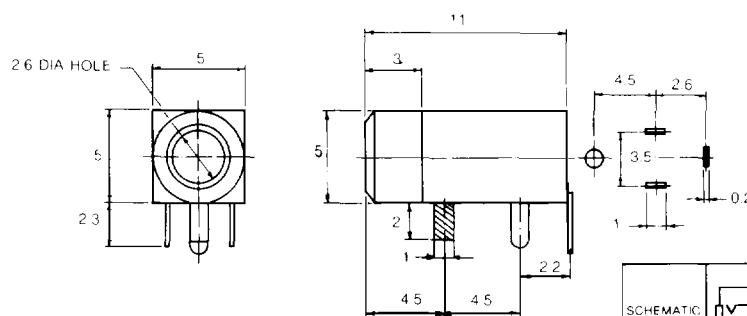
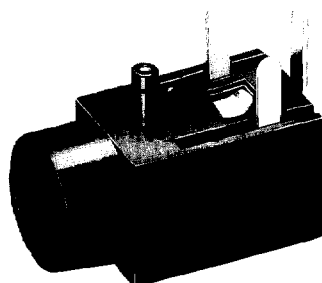


SJ-0252-3RT (PC mount)

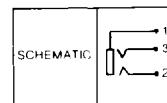
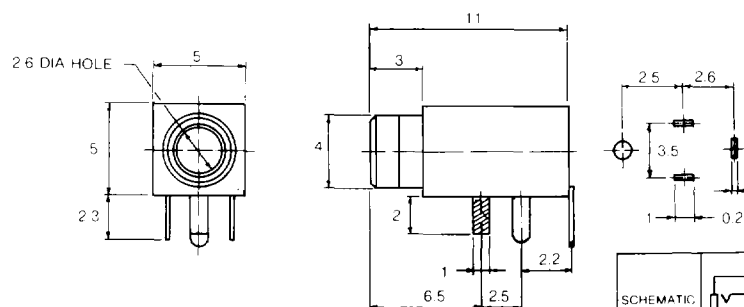
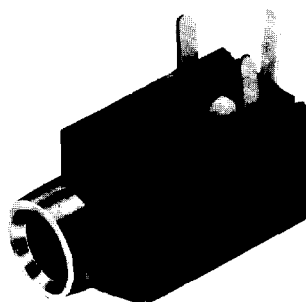


MODEL NO.	SJ-0252-3RT	SJ-0252-4R
SCHEMATIC		

SJS-0253 (PC mount)



SJS-0253A (PC mount)



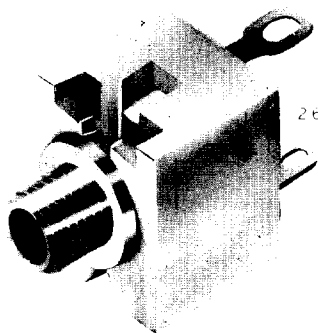
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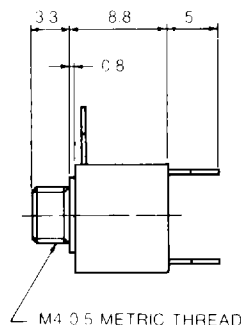
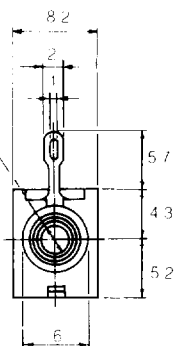
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2.5 MM AUDIO JACKS

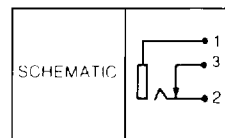
SJ-0250 (Lead wire mount)



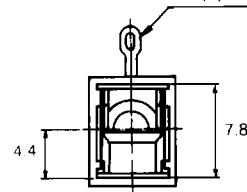
2.6 DIA HOLE



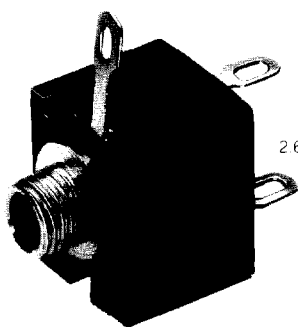
M4 0.5 METRIC THREAD



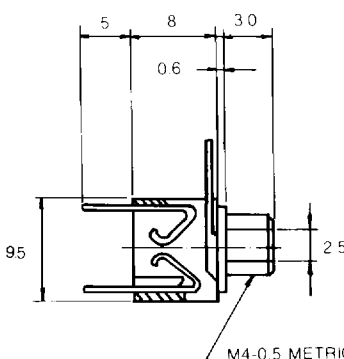
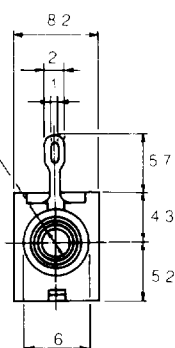
1 x 2 (3) HOLES



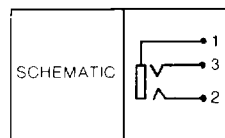
SJS-0251A (Lead wire mount)



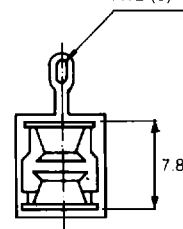
2.6 DIA HOLE



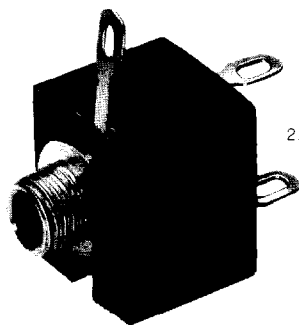
M4-0.5 METRIC THREAD



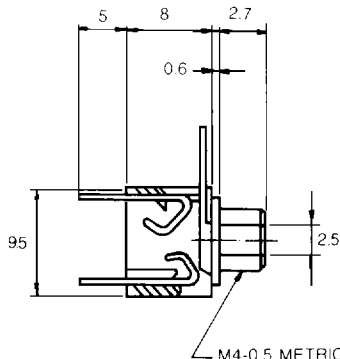
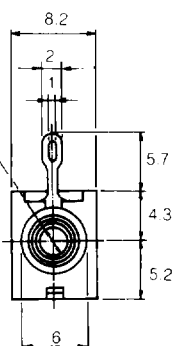
1 x 2 (3) HOLES



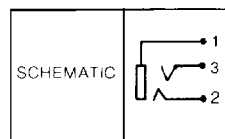
SJS-0251B (Lead wire mount)



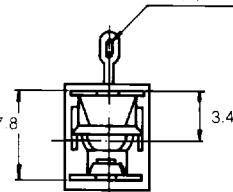
2.6 DIA HOLE



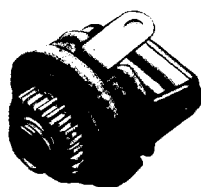
M4-0.5 METRIC THREAD



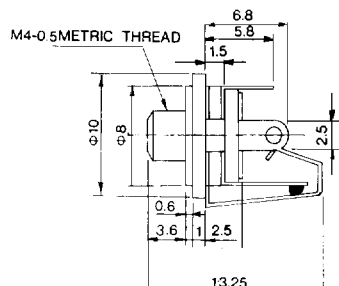
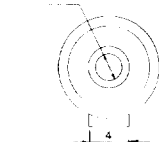
1 x 2 (3) HOLES



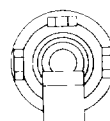
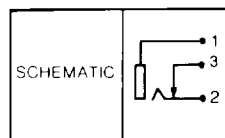
SJS-0251-1 (Lead wire mount)



2.6 DIA. HOLE



M4-0.5 METRIC THREAD



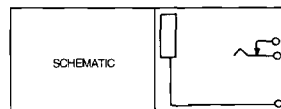
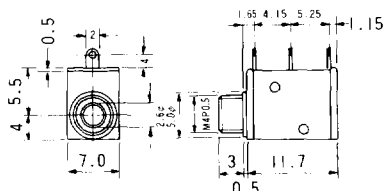
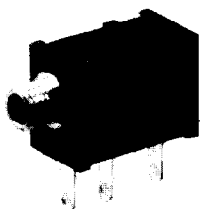
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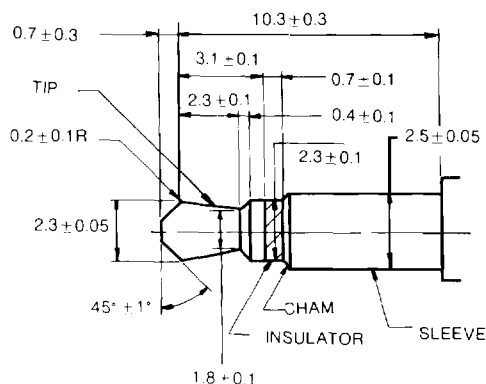
Contact Resistance.....Max 30m Ω /1A
 Insulation Resistance.....Min 50m Ω /DC 500V
 Insulation Withstand Voltage.....AC 250V/1 minute

Insulation & Extraction Force.....0.8-2kgs
 Heat Test.....5 hours/60°C
 Life Test.....10,000 cycles

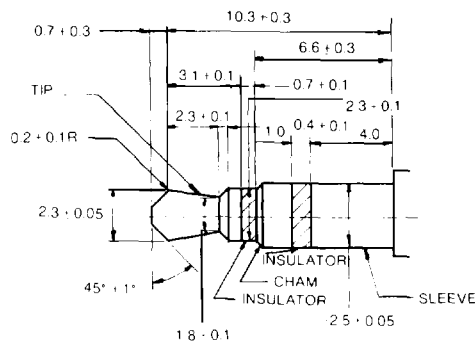
SJ-2502 (Lead wire mount)



Mono/2 conductor



Stereo/3 conductor



See page 33 for photos.
 Also available to specifications as pre-molded cable assemblies.

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