

INTRODUCTION:

Adam Tech ASJ Series 3.5mm Stereo Jacks are a complete set of single or multi-position, multi-pole switching jacks that are ideal in audio applications for computers and multi-media systems. Their design and configuration make them compatible to all industry standard plugs for easy mating and interchangeability.

FEATURES:

- ☐ Broad selection of sizes, shapes and switching capabilities.
- ☐ Universally mateable with industry standard plugs
- ☐ Provides several signal options to activate headphones, speakers or equalizer
- ☐ Ideal for computer and multimedia applications

MATING OPTIONS:

Mates with all industry standard stereo plugs.
See page 143 for recommended size.

SPECIFICATIONS:

Material:

INSULATORS:

Type 1: Polyformaldehyde (POM), glass reinforced thermoplastic, rated UL 94V-0

Type 5: Polybutylene Terephthalate (PBT), glass reinforced thermoplastic, rated UL 94V-0

Type 6: Polycarbonate, rated UL 94V-0

Type 7: Polyformaldehyde (POM), glass-reinforced thermoplastic, rated UL 94V-0

Contacts: Phosphor Bronze

Plating:

50 μ in. nickel underplate to QQ-N-290, Class 2, Grade C with 50 μ in silver to QQ-S-365, Class 2, Grade C

Electrical:

Operation Voltage: 250 VAC max

Current Rating: 1 Amp max

Contact Resistance: 20 Ω max

Insulation Resistance: 5000 M Ω min @ 1000 VAC between adjacent contacts (75°F and 50% R.H.)

Dielectric Withstanding Voltage: 1000 VAC min rms (sea level)

Capacitance: 1.5 pF max between adjacent contacts

Mechanical:

Insertion Force: 7 ozs. max

Withdrawal Force: 4 ozs. min

Applicable Soldering Processes: Hand or wave solder for standard insulator material, IR or Vapor Phase for Hi-Temp Nylon 6T insulator option.

Environmental:

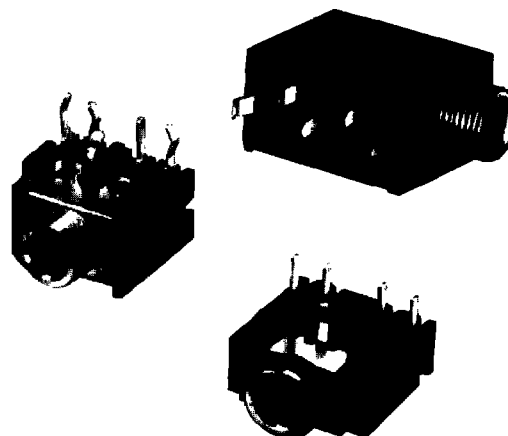
Operating Temperature: -65°C to +125°C

PACKAGING:

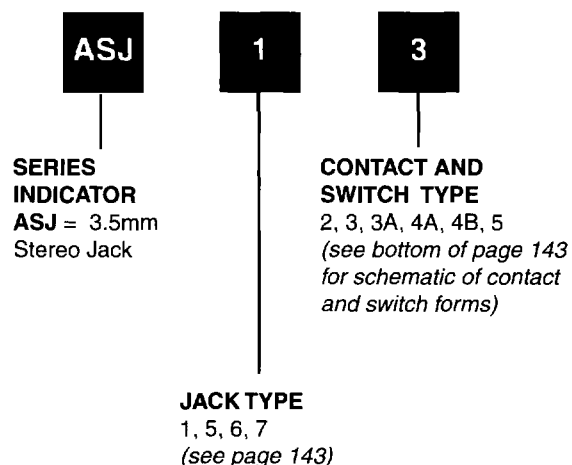
Anti-static plastic bags

APPROVALS AND CERTIFICATIONS:

Recognized under the component program of Underwriters Laboratories, Inc. No. E167232
Certified by Canadian Standards Association No. LR75112



ORDERING INFORMATION



OPTIONS:


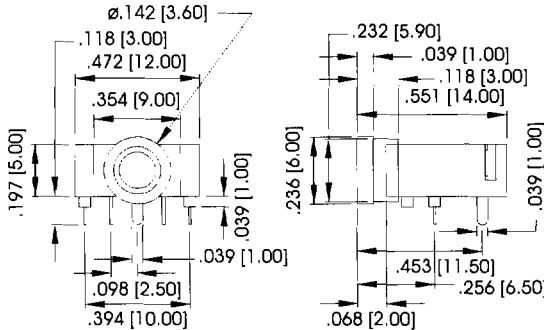
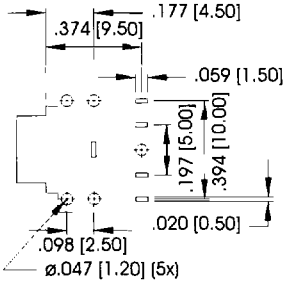
Add as suffix to basic part number

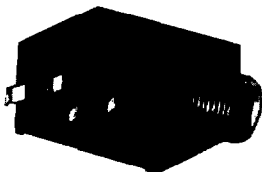
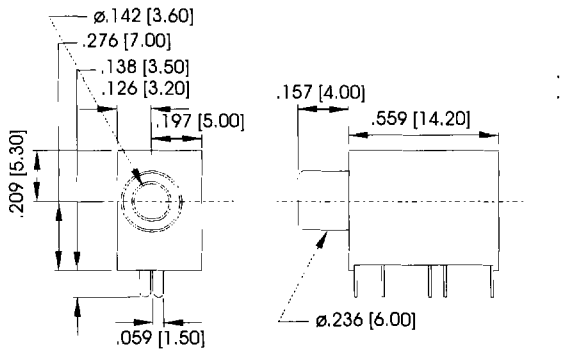
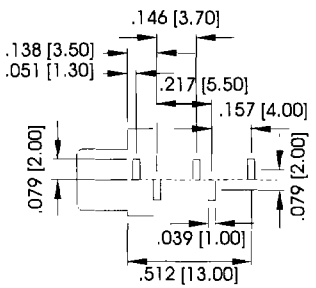
E = No back cover (Type 1 only)


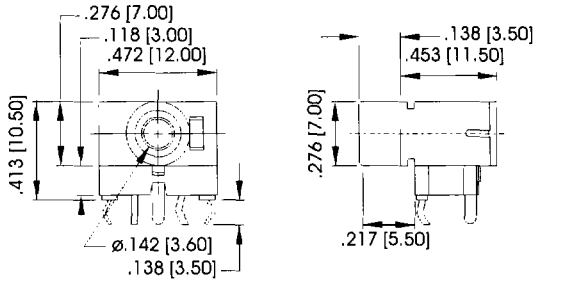
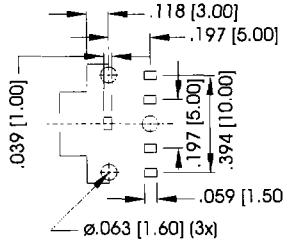
K = Kinked soldertails
(Standard on Type 7)

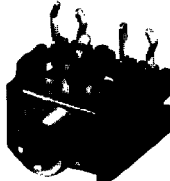
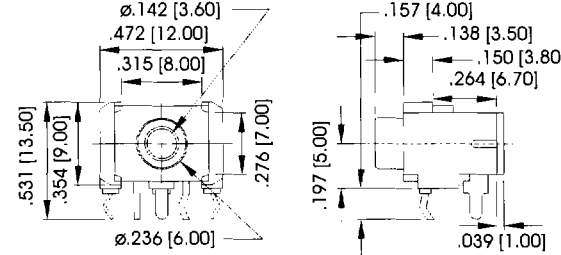
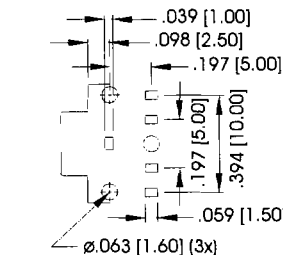
M = M6 x 0.5 threaded bushing

HT = Hi-Temp Nylon 6T insulator

		
ASJ-1		PC Board Layout 2BHR

		
ASJ-5		PC Board Layout

		
ASJ-6		PC Board Layout

		
ASJ-7		PC Board Layout

CONTACT FORM	CONTACT FORM 2	CONTACT FORM 3	CONTACT FORM 3A	CONTACT FORM 4A	CONTACT FORM 4B	CONTACT FORM 5
SCHEMATIC	