

2.6mm & 3.5mm AUDIO JACKS

STEREO & MONO EARPHONE JACKS
ASJ SERIES

INTRODUCTION:

Adam Tech ASJ Series Stereo Jacks are a complete line of 2.6mm and 3.5mm jacks used primarily in computer and multi-media audio applications. This series provides a multitude of sizes and configurations that are available in single or multiple switching forms. Options include choice of full plastic or metal reinforced bodies, single, stacked or ganged versions and color-coded jacks for port identification.

FEATURES:

Broad range of sizes and configurations Single or Multiple switching functions Plastic or Metal reinforced bodies Ganged and Stacked versions Color Coded option for Port Identification

MATING PLUGS:

All industry standard 2.50mm and 3.50mm mono or stereo plugs.

SPECIFICATIONS:

Material:

Standard insulator: PBT or LCP, Glass reinforced, rated UL94V-0

Optional Hi-Temp insulator: Nylon 6T, rated UL94V-0

Insulator Color: Black

Bushing: Brass, Nickel plated Contacts: Copper alloy

Contact Plating:

Tin over Copper underplate

Electrical:

Operating voltage: 12V DC max. Current rating: 1 Amp max.

Contact resistance: 30 m Ω max. initial Insulation resistance: 100 M Ω min.

Dielectric withstanding voltage: 500V AC for 1 minute

Mechanical:

Insertion force: 4.4 lbs max. Withdrawal force: 0.3 kg min Mating durability: 5000 cycles min.

Temperature Rating:

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

Soldering process temperature: Standard insulator: 235°C Hi-Temp insulator: 260°C

PACKAGING:

Anti-ESD plastic bags or Tape and Reel

APPROVALS AND CERTIFICATIONS:

UL Recognized File No. E224053 CSA Certified File No. LR1578596

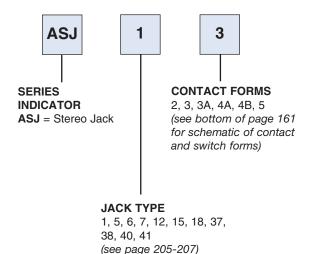








ORDERING INFORMATION



OPTIONS:

Add designator(s) to end of part number

E = No back cover (Type 1 only)

K = Kinked soldertails

(Standard on Type 6, 7, 40)

M = M6 x 0.5 threaded bushing
 HT = Hi-Temp Nylon 6T insulator for Hi-Temp soldering processes up to 260°C

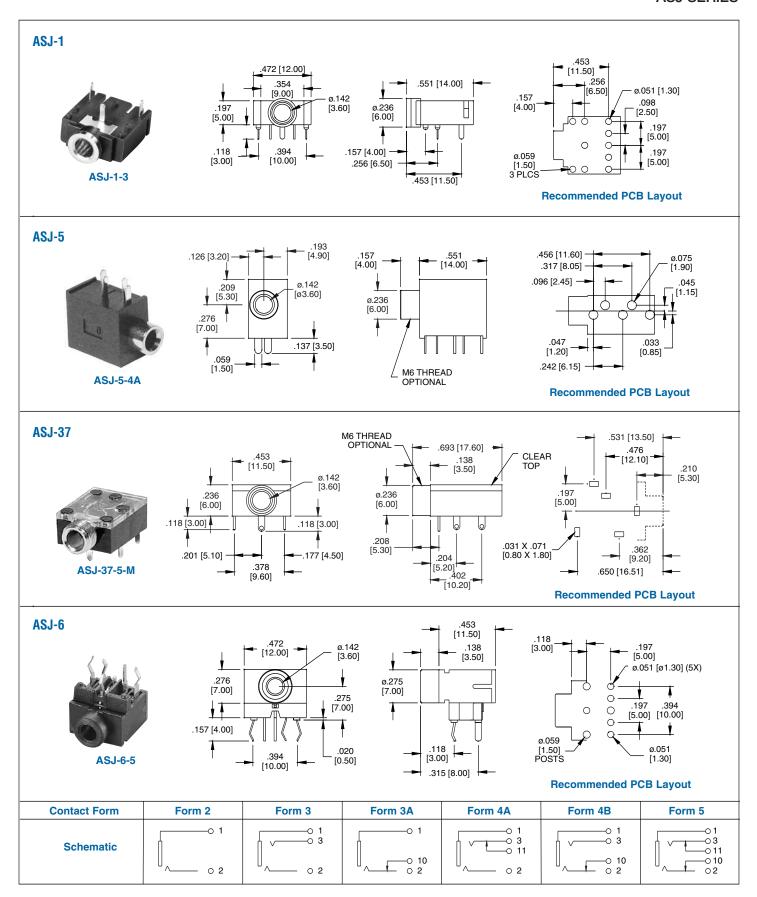
TR = Tape & Reel packaging



3.5mm AUDIO JACKS

STEREO & MONO EARPHONE JACKS



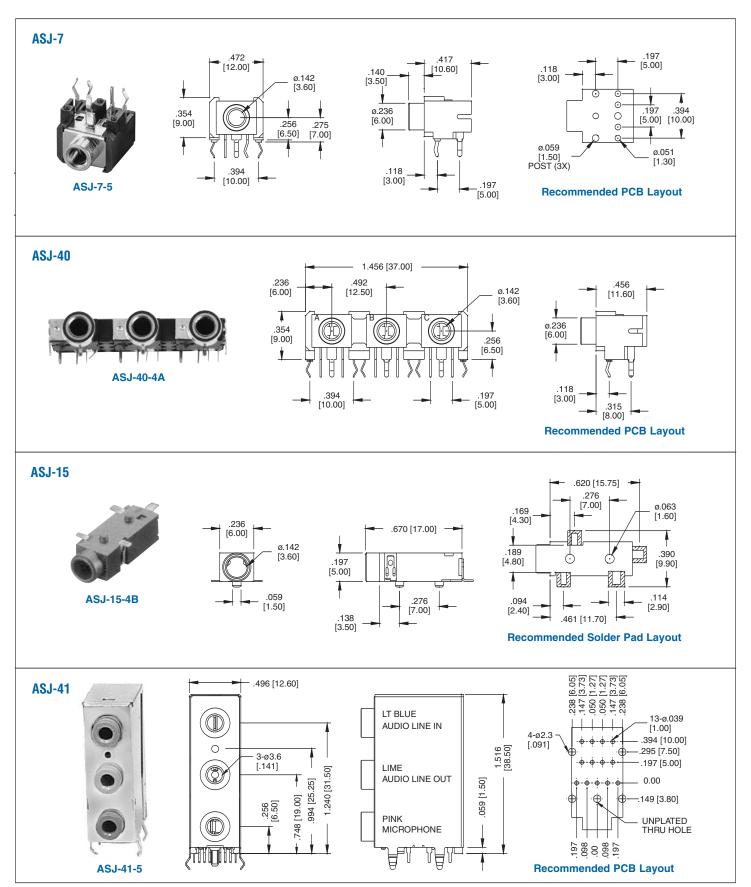




3.5mm AUDIO JACKS

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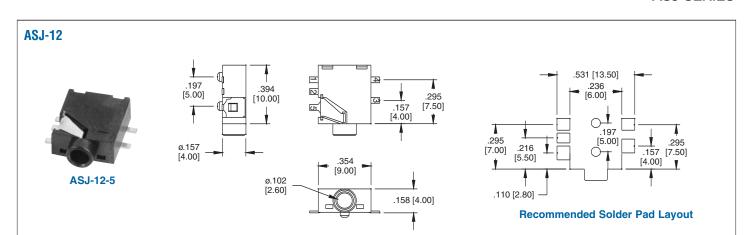
ASJ SERIES





2.6mm AUDIO JACKS

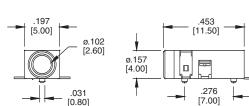
STEREO & MONO EARPHONE JACKS ASJ SERIES

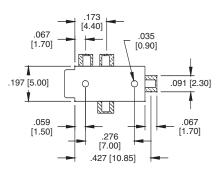




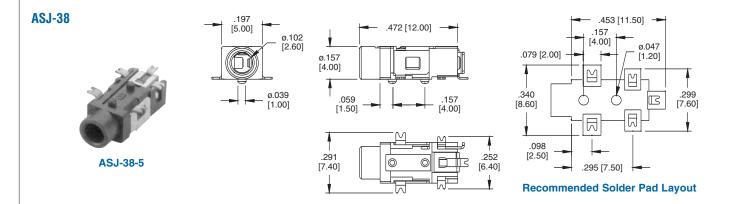


ASJ-18-4B

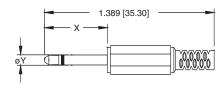




Recommended Solder Pad Layout

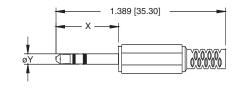






PART No.	Х	Υ
ASP-2.5-M-SR	.468 [11.90]	ø.098 [2.50]
ASP-3.5-M-SR	.590 [15.00]	ø.137 [3.50]

Stereo Audio Plug



PART No.	Х	Υ
ASP-2.5-S-SR	.468 [11.90]	ø.098 [2.50]
ASP-3.5-S-SR	.590 [15.00]	ø.137 [3.50]