

**INTRODUCTION:**

Adam Tech SATA series Serial ATA connectors combine hot-plug capability with a combination of power and signal contacts in a blind-mate design. They are ideal for connecting disk drives to backplanes in servers or network equipment. Adam Tech SATA connectors are designed with differential-pair signaling technology and are precision manufactured to consistently perform at speeds up to 3.0 Gbits/s.

**FEATURES:**

Meets SCA Interconnection Standards  
40P Fiber Channel and 80P SCSI compatible  
Interchangeable Industry Standard Design

**MATING CONNECTORS:**

Adam Tech SATA series plugs and all industry standard SATA plugs.

**SPECIFICATIONS:**

**Material:**

Insulator: Hi-Temp thermoplastic, glass filled, rated UL94V-0  
Insulator Color: Black  
Contacts: Phosphor Bronze

**Plating:**

Gold Flash over nickel underplate on mating area, tin over Copper underplate on tails

**Electrical:**

Operating Voltage: 30V AC  
Current Rating: 1.5 Amps Max.  
Contact Resistance: 30 mΩ Max. initial  
Insulation Resistance: 1000 MΩ Min.  
Dielectric Withstanding Voltage: 500V AC for 1 Minute

**Mechanical:**

Insertion force: 10.20 lbs max.  
Withdrawal force: 2.25 lbs min.

**Temperature Rating:**

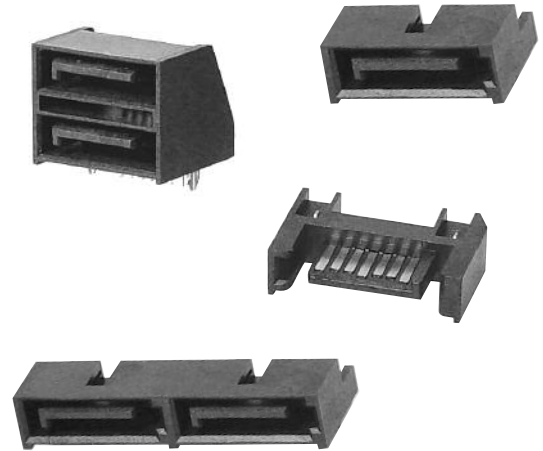
Operating Temperature: -55°C to +125°C  
Soldering process temperature: 260°C

**PACKAGING:**

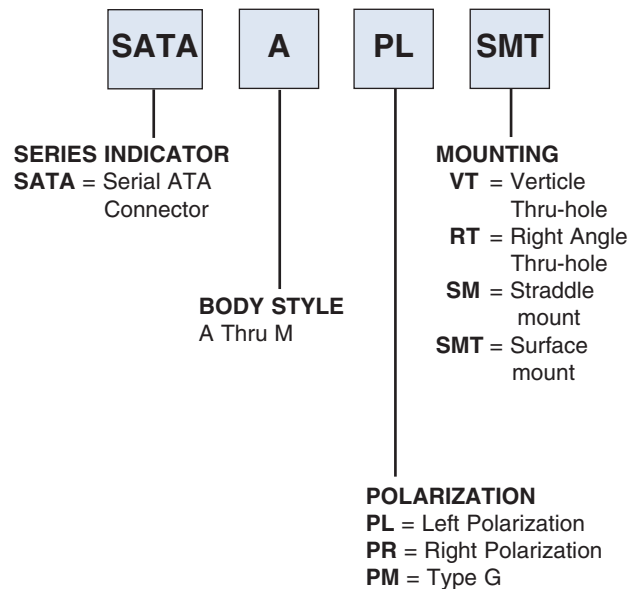
Anti-ESD plastic trays or tubes

**APPROVALS AND CERTIFICATIONS:**

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



**ORDERING INFORMATION**



**OPTIONS:**

Add designator(s) to end of part number  
**K** = Key  
**S** = Side slots (type D)  
**30** = 30 μin gold plating in contact area  
**P** = Locating Pegs