

### 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 ATA 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  
Quickly Mass Terminates with Flat Cable  
Precision Formed Bifurcated Contacts  
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.

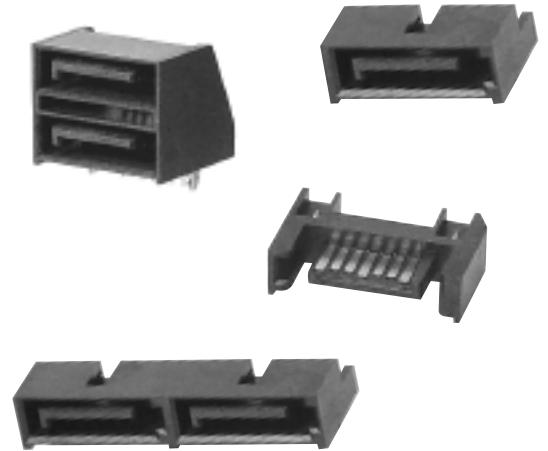
Withdrawal force: 2.25 lbs min.

#### Temperature Rating:

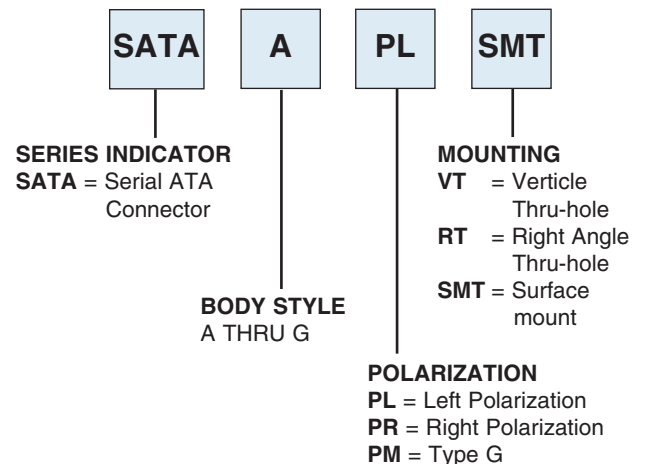
Operation Temperature: -25°C ~ +105°C

### PACKAGING:

Anti-ESD plastic trays or tubes



### ORDERING INFORMATION



**HI-TEMP**  
INSULATOR  
AVAILABLE

### OPTIONS:

Add designator(s) to end of part number

**K** = Key

**S** = Side slots (type D)

**30** = 30 μin gold plating in contact area

**HT** = Hi-Temp insulator for Hi-Temp soldering processes

**RC** = RoHS compliant lead-free product with  
Hi-Temp insulator

**P** = Locating Pegs

