

### 0.156" PITCH PCB5B SERIES

#### PHYSICAL PROPERTIES

##### Housing

HOUSING MATERIAL: Polyester  
 FLAMMABILITY: UL94V-0  
 COLOR: Black

##### Terminal

TUBULAR CONTACT: Brass  
 PC CONTACT: Phosphor Bronze  
 SCREW: Steel with Zinc + Chromate plating  
 CLAMP: Brass

##### Mechanical

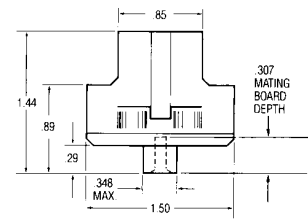
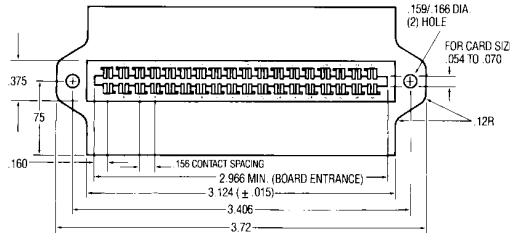
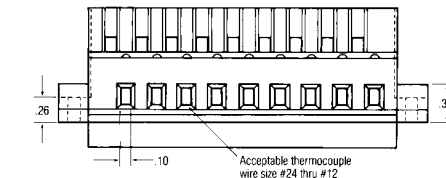
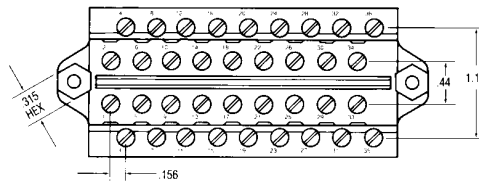
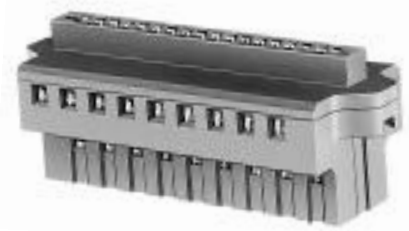
PITCH (TERMINAL SPACING): .156"  
 SCREW SIZE: 6-32  
 MOUNTING SCREW SIZE: #6  
 WIRE STRIP LENGTH: .25"  
 RECOMMENDED TIGHTENING TORQUE: 5-8 in.-lbs.  
 RECOMMENDED SCREWDRIVERS: Xcelite R184,  
 Sears Craftsman 41429, Stanley 1016  
 BOARD INSERTION FORCE (TYP.) PER CKT.: 7.6 oz.  
 (215g)  
 BOARD SEPARATION FORCE (TYP.) PER CKT.: 1.2 oz.  
 (35g)  
 DURABILITY: Passes MIL-C-21097: 500 cycles

#### ELECTRICAL PROPERTIES

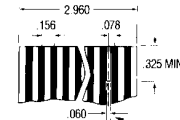
MAXIMUM CURRENT: 5A  
 OPERATING VOLTAGE: 250V  
 WIRE RANGE: #12 Stranded Only  
 DIELECTRIC WITHSTAND: 1500V  
 INSULATION RESISTANCE: 10<sup>11</sup> ohms  
 CONTACT RESISTANCE: 10 milliohms

#### ENVIRONMENTAL PROPERTIES

OPERATING TEMPERATURE RANGE:  
 -65°C to +140°C  
 (-85°F to +284°F)



#### Recommended PC Board Layout



POLARIZING KEY NOTCH  
 Location in PC board per customer  
 requirement. Order Polarizing Key  
 Catalog No. PC19.

#### Ordering Information

CATALOG #	DESCRIPTION
PCB5B36A	Standard
PCB5B36AT	Temperature Stabilized Contacts

