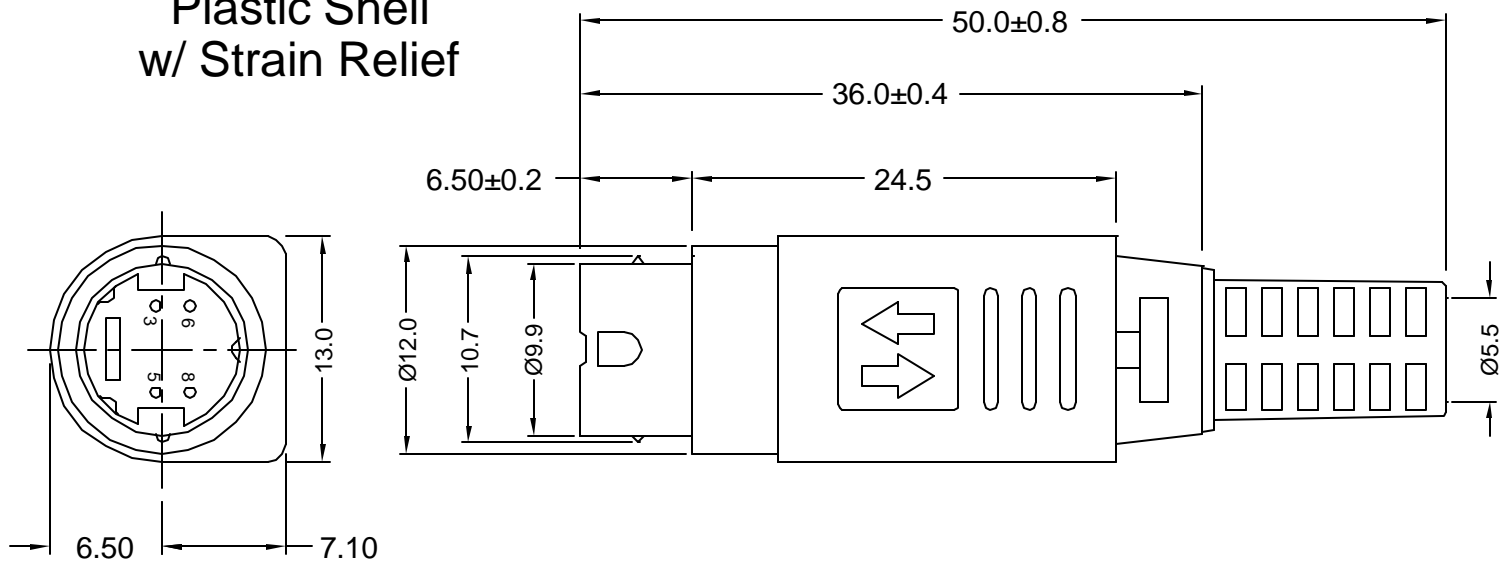


Plastic Shell  
w/ Strain Relief



**Material and Finish**

Body: ABS thermoplastic,  
UL94HB Rated, black  
Contacts: copper alloy,  
silver plated  
Insert Material: Nylon,  
UL94V-2 Rated  
Shield: nickel plated  
iron sheet

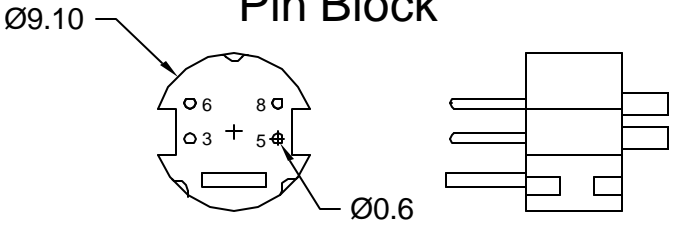
**Electrical Characteristics**

Insulation Resistance:  
50 Megohms min. at 250V DC  
Dielectric Withstanding Voltage:  
500V AC RMS for 1 minute  
Contact Current Rating:  
24V DC, 2.5 Amp max.

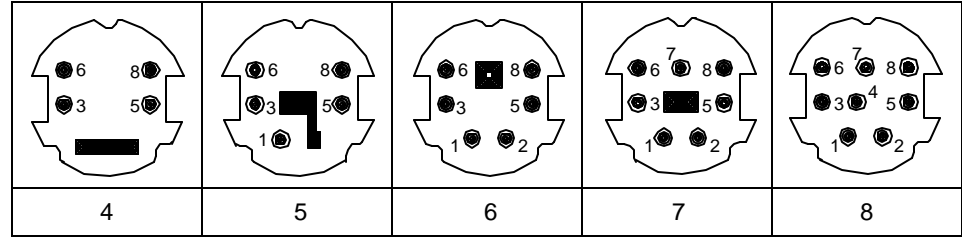
**Mechanical Characteristics**

Durability Test: 500 cycles min.  
Insertion Force: 5kg max.  
Extraction Force: 1.0kg-5.0kg  
Operating Temperature: -25°C to +80°C

Pin Block



Socket Configuration (KQLAX-xP Series)



Tolerances	
X.X ± 0.25	
X.XX ± 0.15	
Unless Stated	
Otherwise	

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	9/6/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	8/16/05
A2	9/13/06	ECO #06-039	R. Aguirre	H. MA		

**KQLAX-xP**  
x = number of contacts

**Circular Male Connector, RoHS Compliant**  
**Cable Mount, Quick Lock Type**

