

### Materials and Finish

Material-PBT Thermoplastic  
 UL94V-0 Rated  
 Color: black  
 Contact-Brass, Tin Plated  
 Shield: Phosphor Bronze, Nickel plated.

### Mechanical Characteristics

Insertion Force  
 0.5kg - 4.5kg

Withdrawal Force  
 0.5kg - 4.5kg

Durability  
 5000 cycles

### Electrical Characteristics

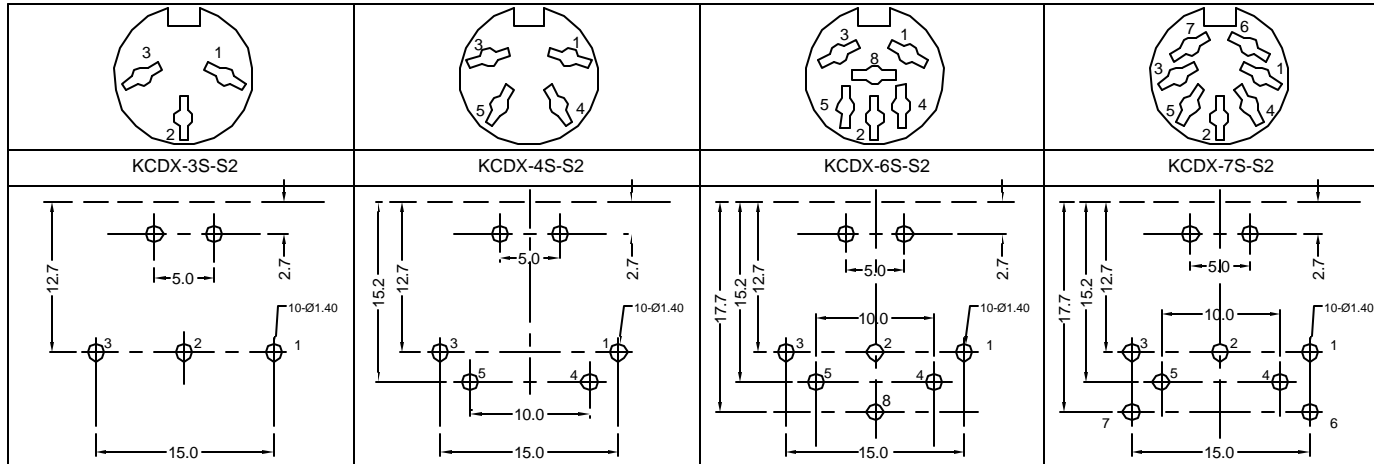
Rated Current: 2.0 AMP DC  
 Rated Voltage: 24.0 V DC

Insulation Resistance  
 100 Megohms min. at 500V DC

Contact Resistance  
 Before Test: 50 Milliohms max.  
 After Test: 100 Milliohms max.

Dielectric Withstanding Voltage  
 500V AC for 1 minute

Operating Temperature  
 -25°C to 85°C



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	2/2/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	01/17/06
A1	4/13/06	Release Drawing	H. MA	N/A		

## KCDX-xS-S2

X= number of contacts

Circular DIN, RoHS Compliant

Front Shielded, 5mm Tab Spacing

