

**Materials and Finish**

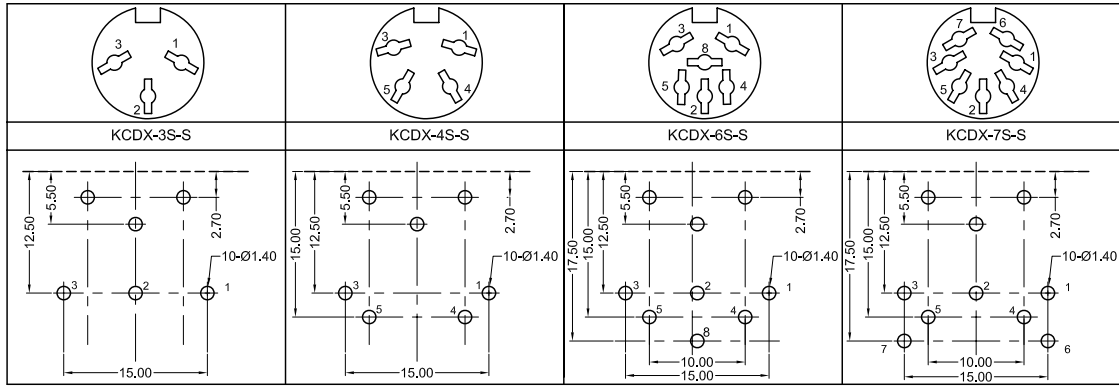
Material-PBT Thermoplastic  
 UL94V-0 Rated  
 Color: black  
 Contact: Brass, Matte tin plated  
 Shield: Phosphor Bronze, Nickel plated.

**Electrical Characteristics**

Rated Current: 2.0 AMP DC  
 Rated Voltage: 24.0V 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

**Mechanical Characteristics**

Insertion Force  
 0.5kg - 4.5kg  
 Withdrawal Force  
 0.5kg - 4.5kg  
 Durability  
 5000 cycles



**RoHS COMPLIANT**  
 EU Directive 2002/95/EC

**Tolerances**  
 X.X ± 0.3  
 X.XX ± 0.15  
 Unless Stated  
 Otherwise

LR78160

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	4/10/06	Release Drawing	H. MA	N/A		
A2	05/19/11	ECO #11-006	S. Vlen	H. MA		

**KCDX-xS-S**  
 X= number of contacts

UNITS  
 mm

Circular DIN, RoHS Compliant  
 Front Shielded, 10mm Tab Spacing

