



Recommended PCB Layout  
(Bottom View)

**Materials and Finish**

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

Tolerances
X.X ± 0.3
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	01/30/06
A1	3/21/06	Add 2 holes	R. Aguirre	H. MA		
A2	4/11/06	Release Drawing	H. MA	N/A		
A3	04/20/11	ECO #11-006	S. Vien	H. MA		UNITS
A4	06/20/13	ECO #13-043	W. Cook	P. DalCanto		
A5	08/06/18	Address Update	G. Serrato	D. Shehan		

**KCDX-5S-S2**

Circular Din, 5 Position, RoHS Compliant

Shielded, 5mm Pitch

