



Recommended PCB Layout  
(Bottom View)

**Materials and Finish**

Material-PBT Thermoplastic  
UL94V-0 Rated  
Color: black  
Contact: Brass, Matte tin 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	2/22/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	01/30/06
A1	4/27/06	Release Drawing	H. MA	N/A		
A2	05/23/06	ECO 06-038	R. Aguirre	H. MA		
A3	04/19/11	ECO #11-006	S. Vien	H. MA	UNITS	mm
A4	06/20/13	ECO #13-043	W. Cook	P. DalCanto		
A5	08/06/18	Address Update	G. Serrato	D. Shehan		

**KCDX-5S-N2**

Circular Din, 5 Position  
5 mm Pitch, RoHS Compliant

