



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

