



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	2/23/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	01/30/06
A1	4/27/06	Release Drawing	H. MA	N/A		
A2	04/20/11	ECO #11-006	S. Vien	H. MA		
A3	06/20/13	ECO #13-043	W. Cook	P. DalCanto		
A4	08/06/18	Address Update	G. Serrato	D. Shehan		

KCDX-5S-S

Circular Din, 5 Position, RoHS Compliant

Shielded, 10 mm Pitch

