



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

