

Recommended PCB Layout  
(Bottom View)

**Materials and Finish**

Housing: PBT  
Thermoplastic, UL 94V-0 Rated,  
Color: Black  
Cover: PA6T  
Color: Black

Contacts: Brass, Matte Tin Plated  
Spring: Stainless Steel  
Shell: Brass, Nickel Plated

**Electrical Specifications**

Rated Current: 2A  
Rated Voltage: 24V DC  
Insulation Resistance:  
100 Megohms at 500V DC  
Contact Resistance: 50 milliohms  
Dielectric Withstanding Voltage:  
500V AC for 1 Minute

**Mechanical Specifications**

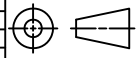
Durability: 5000 Mating Cycles  
Operating Temperature:  
-25°C to +85°C

Tolerances
X.X ± 0.3
X.XX ± 0.15
Unless Stated Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	01/25/18	New Drawing	J. Elbanna	C. Kelleher	J. Elbanna	01/25/18
A1	02/13/18	Release Drawing	J. Elbanna	N/A		

KCDX-5S-S2-PS-1



UNITS  
mm

Circular Din Jack  
with Spring, 5mm pitch

