



P.C.B LAYOUT  
(BOTTOM VIEW)

KMDVLX-3S-N-1	KMDVLX-4S-N-1	KMDVLX-5S-N-1	KMDVLX-6S-N-1	KMDVLX-7S-N-1	KMDVLX-8S-N-1

**Materials and Finish**

Housing: PBT Thermoplastic  
 Color: Black  
 Shield: Brass, Matte Tin Plated  
 Contact Material:  
 Brass, Silver Plated

**Electrical Characteristics**

Rated Current: 2A Max.  
 Rated Voltage: 12V DC  
 Insulation Resistance:  
 50 Megohms Min. at 500V DC  
 Contact Resistance:  
 30 milliohms Max.  
 Dielectric Withstanding Voltage:  
 500V AC for 1 Minute

**Mechanical Characteristics**

Insertion Force:  
 0.3kg-3.0kg  
 Withdrawal Force:  
 0.3kg-3.0kg  
 Durability Rating:  
 5000 Mating Cycles Min.  
 Operating Temperature:  
 -25°C to +85°C



Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated
Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	05/17/18	New Drawing	G. Serrato	D. Shehan	G. Serrato	05/17/18
A2	11/09/18	Release Drawing DC18-020	D. Shehan	G. Serrato		

KMDVLX-xS-N-1

Mini-Din, Vertical Mount

Snap and Lock, RoHS Compliant

