



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

