



Material And Finish

Insert- PBT Thermoplastic, Black Color
 UL94V-0 Rated
 Contact Material- Phosphor Bronze
 Contact Plating- Silver Plated

Mechanical Characteristics

Insertion Force- 0.5kg-4.5kg
 Withdrawal Force- 0.4kg-3.5kg
 Durability- 5000 Cycles Min.

Electrical Characteristics

Contact Current Rating-
 2 Amp Max. @ 12V DC
 Insulation Resistance-
 100 Megohms Min. at 250V DC
 Contact Resistance-
 Before Durability Testing-
 Plug to Shield- 50 milliohms max.
 Plug to Terminals- 30 milliohms max.
 After Durability Testing-
 Plug to Shield- 100 milliohms max.
 Plug to Terminals- 60 milliohms max.
 Dielectric Withstanding Voltage-
 250VAC for 1 Minute
 Operating Temperature-
 -25°C to +80°C

Recommended PCB Layout
 (Bottom View)

RoHS COMPLIANT
 EU Directive 2002/95/EC

Tolerances	
X.X ± 0.25	
X.XX ± 0.15	
Unless Stated	
Otherwise	

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	4/18/05	New Drawing	H. MA	C. Furumasa	H. MA	4/18/05

KMDVLX-5S-N

Mini-Din 5 position, Vertical Mount, RoHS Compliant
 thru hole, Snap and Lock Compatible,

