



Material and Finish

Body: PBT Thermoplastic,
Color: Black

Contact Material: Copper Alloy

Contact Plating: Gold Flash
on Contact Area,
Tin on Termination,
Both over Nickel underplate

Electrical Characteristics

Contact Resistance:
30 Milliohms Max.

Insulation Resistance:
500 Megohms Min.

Dielectric Withstanding Voltage:
500V AC RMS For 1 Minute

Current Rating:
12V DC 1A Max.

Mechanical Characteristics

Durability Test: 5000 Cycles Min.

Insertion Force: 3.0kg Max.

Extraction Force: 0.3kg - 3.0kg

Operating Temperature: -25°C to +80°C

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	03/03/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	08/02/05
A2	05/11/10	ECO #10-026	S. Vien	H. MA		
A3	06/16/14	ECO #14-021	D. Gih	H. MA		
B1	11/20/17	ECO #17-031	G. Serrato	C. Furumasa	UNITS	mm
B2	08/06/18	Address Update	G. Serrato	D. Shehan		

KMDGX-9S-N

9 pos. Mini-DIN, RoHS Compliant

Center Board Lock, Gold Flash Contacts

