



Recommended PCB Layout
(Bottom View)

Material and Finish

Body: PBT Thermoplastic,
UL94V-0 Rated, Black

Contact Material: Phosphor Bronze

Contact Plating: Gold Flash
on Contact Area,
Tin/Lead 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:
100V AC 1A Max.
12V AC 2A Max.

Mechanical Characteristics

Durability Test: 500 Cycles Min.

Insertion Force: 4.5kg Max.

Extraction Force: 0.9kg - 3.0kg

Operating Temperature: -25°C to +85°C

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

CSA NRTL/C Certified File No. LR78160

REVISION	DATE	DESCRIPTION	DRAWN BY	REV CHECK BY	UNITS
A	7/23/97	New Drawing	C. Leiva	T. Gokcek	mm
B	4/2/98	Modified lock pin	REVISED BY	REV CHECK DATE	DATE
B1	5/30/03	ECD #02-062	C. Leiva	6/9/03	7/23/97

KMDG-9S-N

9 pos. Mini-DIN

Center Board Lock, Gold Flash Contacts

