



Material and Finish

Body: PBT Thermoplastic,
UL94V-0 Rated, Black

Contacts: Phosphor Bronze
Gold Flash on Contacts,
Tin/Lead on Termination

Shield: Brass,
Tin/Lead Plated

Electrical Characteristics

Contact Resistance:
Before Test:
Plug to Terminals: 30 Milliohms Max.

After Test:
Plug to Terminals: 60 Milliohms Max.

Insulation Resistance:
500 Megohms Min.

Dielectric Withstanding Voltage:
500V AC RMS For 1 Minute

Current Rating:
1 Amp at 12V DC

Mechanical Characteristics

Durability Test: 500 Cycles Min.

Insertion Force: 4.5kg max.

Extraction Force: 0.4kg - 3.5kg

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	CHECKED BY	UNITS
B	9/26/96	Added Dimensions	C. Leiva	J. Kring	mm
B1	7/6/01	ref. ECO #01-042	REVISED BY	REV CHECK BY	DATE
B2	5/19/03	ref. ECO #02-062	C. Leiva	T. Gokcek	8/2/96

KMDG-6S/6S-S4N

Stacked Mini-Din, 6/6
Fully Shielded, Gold Contacts

