



Material and Finish

Body: PBT Thermoplastic, UL94V-0 Rated, Black

Contacts: Phosphor Bronze

Contact Plating: Gold Flash on Contacts, 120u" Tin/Lead on Termination, all over 50u" min. Nickel

Shield: Brass, 120u" Tin/Lead Plated over 50u" min. Copper

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	REV CHECK BY	UNITS
A1	5/17/99	New Drawing	K. Wallace	T. Gokcek	mm
A2	7/6/01	ref. ECO #01-042	REVISED BY	REV CHECK DATE	DATE
A3	5/19/03	ref. ECO #02-062	C. Leiva	6/6/03	5/17/99

KMDG-6S/6S-S4N1

Stacked Mini-Din, 6/6

Fully Shielded, Gold Contacts, Mounting Hole

