



Recommended PCB Layout (Bottom View)

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: 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
B1	7/6/01	ref. ECO #01-042	C. Leiva	J. Kring	mm
B2	5/21/03	ref. ECO #02-062	REVISED BY	REV CHECK BY	DATE
B3	8/12/04	ref. ECO #04-044	C. Leiva	C. Furumasa	8/2/96

KMDG-6S/6S-S4N2

Stacked Mini-Din, 6/6

Fully Shielded, Gold Contacts

