



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:

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

CSA NRTL/C Certified File No. LR78160

Tolerances
X.X $\pm 0.25$
X.XX $\pm 0.15$
Unless Stated Otherwise

REVISION	DATE	DESCRIPTION	DRAWN BY	REV	CHECK BY	UNITS
A1	7/6/01	ref. ECO #01-042	K. Wallace		T. Gokcek	mm
A2	6/5/02	ref. ECO #02-050	REVISED BY		REV CHECK DATE	DATE
A3	5/16/03	ref. ECO #02-062	C. Leiva		6/6/03	3/27/98

KMDG-4S/4S-S4N2

Stacked Mini-Din, 4/4

Fully Shielded, Gold Contacts



# Mouser Electronics

Authorized Distributor

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