



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

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	KMDG-4S/4S-S4N2
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	

Stacked Mini-Din, 4/4

Fully Shielded, Gold Contacts



Mouser Electronics

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