



### Materials and Finish

Body: PBT thermoplastic,  
UL 94V-0 rated, black color

Ground Terminal: brass, tin plated,  
with nickel underplating

Contacts: brass, tin plated,  
with nickel underplating

### Mechanical Characteristics

Insertion Force:  
0.5kg - 5.0kg

Extraction Force:  
0.4kg - 5.0kg

Durability: 5000 mating cycles min.  
with test plug

### Electrical Characteristics

Contact Resistance: 50milliohm max.

Insulation Resistance: 100megohm min.  
at 500V DC

Withstanding Voltage: 500V AC rms  
for 1 minute

Contact Current Rating:  
12V DC at 5A Max.  
or  
20V DC at 2A max

Operating Temperature:  
-25°C to +100°C

KMD-3S-N	KMD-4S-N	KMD-5S-N	KMD-6S-N	KMD-7S-N

Recommended PCB Layouts (for KMD-8S-N, 8 position, see above) bottom view

REVISION	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	UNITS
A1	1/4/01	ref. ECD 01-002	C. Leiva		mm
			CHECKED BY	APPROVED BY	DATE
					12/14/00

KMD-xS-N  
x = No. of Contacts

Right Angle PCB Mount Mini-Din

3-8 position, unshielded

