



Recommended PCB Layout
(Bottom View)

Material and Finish

Body: High Temperature Thermoplastic, UL94V-0 Rated, Black

Contacts: Phosphor Bronze, Gold Flash over Nickel on Contacts, Tin over Nickel on Termination

Shield: SPCC, Nickel Plated

Electrical Characteristics

Contact Resistance:
Before Test:
Plug to Shield: 50 Milliohms Max.
Plug to Terminals: 30 Milliohms Max.

After Test:
Plug to Shield: 100 Milliohms Max.
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 18V DC

Mechanical Characteristics

Durability Test: 500 Cycles Min.
Insertion Force: 0.5kg - 4.5kg
Extraction Force: 0.4kg - 3.5kg
Operating Temperature: -25°C to +70°C

Tolerances
X.X ± 0.3
X.XX ± 0.15
Unless Stated Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	09/06/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	08/02/05
B1	12/30/08	ECO #08-056	S. Vien	H. MA		
B2	01/17/13	ECO #13-001	S. Vien	P. DalCanto		
B3	06/10/14	ECO #14-021	D. Gih	H. MA		
B4	04/12/18	Update Address	J. Elbanna	C. Furumasu		

KMDTX-HT-4S-BSC

Mini-DIN, Low Profile, Right Angle, RoHS Compliant

Crimped Side Tabs, Fully Shielded

