



Recommended PCB Layout
(Top View)

Material and Finish

Body: High Temp. Thermoplastic,
UL94V-0 Rated, Black,
Reflow Process Compatible

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

Shield: Phosphor Bronze,
Tin 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

Max. Reflow Soldering Temperature:
230°C for 30 sec.
260°C for 10 sec.

CSA NRTL/C Certified File No. LR78160

REVISION	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	UNITS
A0	7/17/00	New Drawing	C. Leiva		mm
A1	10/12/00	Rel Drawing	CHECKED BY	APPROVED BY	DATE
					7/17/00

KMDT-SMT-4S-BSC

Low Profile Footprint Mini-DIN, SMT Type

Crimped Side Tabs, Gold Flash Contacts, Fully Shielded

