



ZONE SYMBOL		REVISION		APPROVAL		DATE	
		ADD MATE PLUG		J.X.KUANG		3-4-2006	

RoHS
Compliant

MODEL NO.	TDC-018
SCHEMATIC	
CENTER PIN	$\phi 1\text{mm}$ $\phi 1.3\text{mm}$

* MATERIAL:
 CENTRE PIN : COPPER
 TERMINAL 1 : BRASS
 TERMINAL 2 : COPPER ALLOY
 TERMINAL 3 : BRASS
 HOUSING : PA6T
 DC MATE PLUG

SPECIFICATIONS

- 1 Insulation resistance of adjacent open terminals shall not be less than 50 Megohms when measured with 500 Volts resistance meter.
- 2 Connector shall withstand 500 Volts (RMS) between adjacent open terminal for one minute.
- 3 Contact resistance of normally closed terminals shall not exceed 0.03 ohms when measured at a current of one Ampere by Voltage drop method.
- 4 Connector shall withstand 5,000 cycles of insertions and withdrawal with testing plug , contact resistance shall not exceed 0.1 ohm.

DESIGN	L.L.ZHANG	DATE	29-7-2005	SCALE	5:1
	DRAWING	L.L.ZHANG	DATE	3-4-2006	MATERIAL
CHECK		DATE		DWG. NO.	ITZ\DC018-PA6T/E
APPROVAL		DATE		SHEET	

JOYNet Enterprise Co.,Ltd.
 Technology * Profession * Service

PART NAME	SMD DC POWER SOCKET	TOLERANCE UNLESS	0.0±0.2	UNIT:	mm
PART NO.	TDC-018	OTHERWISE SPECIFIED:	0.00±0.1 0.000±0.05	APPROVAL	