

PCB LAYOUT

SPECIFICATIONS :

1. CONTACT RESISTANCE
  - I. INITIAL BEFORE ANY TESTING :
    - (1) PIN TO TERMINAL : 30 MILLIOHMS MAX .
    - (2) PLUG TO PIN : 50 MILLIOHMS MAX .
  - II. AFTER LIFE TEST WITH THE NATE PLUG :
    - (1) PIN TO TERMINALS : 30 MILLIOHMS MAX .
    - (2) PLUG TO PIN : 100 MILLIOHMS MAX .
2. INSERTION FORCE : 7.2KGS MAX  
EXTRACTION FORCE : 1.2KGS MIN .
3. PULL TEST : 11KGS PULL MAX APPLIED TO EACH PIN , THE SOLDER JOINING THE PIN SHOULD NOT LOOSEN FOR 10 SECONDS .
4. SOLDERING HEAT : TERMINAL FOR PCB TEMPERATURE : STAND 280°C FOR 5±1 SECONDS .
5. INSULATION : PLASTIC HOUSING RESISTANCE VALUE AT 1,000 MEGOHM .
6. INSULATION RESISTANCE : BETWEEN ANY OPEN TERMINAL : MORE THAN 100 MEGOHM BY 100V OR 250V . HUMIDITY AT 90-95% RELATIVE HUMIDITY AT 40°C .
7. VOLTAGE TEST : WITHSTAND 500V AC BETWEEN ANY OPEN TERMINAL FOR ONE MINUTE .
8. LIFE TEST : WITHSTAND MORE THAN 5,000 CYCLES INSERTION WITHDRAWAL WITH TESTING PLUG .
9. RATING : 20V DC 8A MAX .

未指定尺寸公差為±0.2mm

5.	BODY	1	PBT		UL94V-0
4.	PIN	3	BRASS	NICKEL PLATED	
3.	SHUNT TERMINAL	1	BSR-H 0.4t	TIN	
2.	SHUNT TERMINAL	1	BSR-H 0.4t	TIN	
1.	EARTH TERMINAL	1	SPCC 0.4t	TIN	
P/N	PART NAME	Q'TY	MATERIAL	PLATING	REMARKS

MDPQ-PR-03-LF  
LEADFREE

RoHS Compliant

**MORETHANALL**  
CONNECTORS  
ASSEMBLIES

PART NO. MDPQ-PR-03

DWG NO. MDPQ-PR-03

FILE NO.

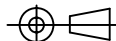
UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

.X ± 0.2  
.XX ± 0.1  
.XXX ±  
AWG

DESCRIPTION:

AREA

REVISIONS

HK

DATE

煜倫股份有限公司