

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 260°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 .

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

RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

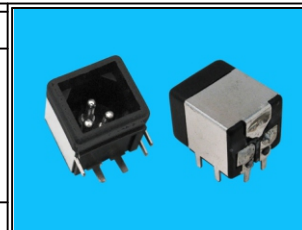
SCALE 1 : 1

DATE

SIZE A4

X. ±
.X ±
.XX ±
.XXX ±
ANG ±

PJECTION



ORDER INFORMATION

ACP-PR-03-LF
SERIES | LEADFREE
| 03 WAY
| DIP 90°
MALE

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DESCRIPTION: