



PCB LAYOUT

PART NO.	Current Rating	Dimension	
		Ø A	ØB
DWR-P40LN-05W5	40 AMPS	Ø3.75	Ø4.20
DWR-P20LN-05W5	20 AMPS	Ø2.8	Ø3.28
DWR-P10LN-05W5	10 AMPS	Ø1.7	Ø2.20

1. Construction :
  - 1.1.0. Connector assemblies :
    - 1.1.1. Shell : steel , tin plated as stndard.
    - 1.1.2. Insulator : Glass filled polyester UL 94V-0
    - 1.1.3. Singal contact when applicable : copper alloy please see ordering code for plating option.
    - 1.1.4. Standoff : Copper alloy , tin-lead over copper.
    - 1.1.5. Bucket : Steel , nickel plated.
    - 1.1.6. Rivnut : Copper alloy , nickel plated.
    - 1.1.7. Locking clipper : Coppems lloy , tin-lead over copper.
  - 1.2.0. High power contact assemblies :
    - 1.2.1. Center and outside contact : copper alloy please see ordering code for plating options.
    - 1.2.2. Lock link : copper alloy , gold flash over nickel.
2. Performance data :
  - 2.1. High power contact current rating : 20 Amps.
  - 2.2. High power contact resistance : <2.7mΩ
  - 2.3. Dielectric withstanding voltage : 1000VAC for one minute.
  - 2.4. Insulation resistance : >5000MΩ
  - 2.5. Connector mating and unmating force : 17.0kgf max.
  - 2.6. Durability : 100 cycles.
  - 2.7. Operating temperature : -55°C~+125°C

RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

煜倫股份有限公司

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X, ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±

照片框

ORDER INFORMATION

DWR-PxxLN-05W5-LF  
SERIES NUT BRACKET MALE  
05W5 LEADFREE  
10~40AMP

DESCRIPTION: D SUBMINIATURE CONNECTOR ( High power Straight Solder Cup Type )