



Performance characteristics:

1. Main body part material
 Insulator: LCP black UL94V-0
 Terminal-Power: High conductivity Copper alloy,
 1.27 μm Ni under plated, contact area plating Au 0.76 μm,
 Tail plating Sn.
 Terminal-Signal: Copper alloy.
 1.27 μm Ni under plated, contact area plating Au 0.76 μm,
 Tail plating Sn.

2. Electrical requirements:
 Current rating: High Power Pin: 50.0A/Pin
 Signal Pin: 1.0A/Pin
 Contact resistance: High Power Pin ≤ 10 mΩ (initial)
 Signal Pin ≤ 20 mΩ (initial)
 Insulation resistance: High Power Pin ≥ 1000 MΩ
 Signal Pin ≥ 500 MΩ
 Withstanding voltage: High Power Pin 2500 Vr.m.s, 1mA, 60s
 Signal Pin 1000 Vr.m.s, 1mA, 60s

3. Mechanical requirements
 Insertion force: ≤ 62N
 Extraction force: ≥ 24.4N
 Mechanical life: 200 cycles

4. Environment specification
 Working temperature: -55°C ~ +125°C

5. Packing & storing
 Method of packing: Tray, outer box
 Storing condition: temperature of -10°C ~ +40°C
 below 80% relative humidity

6. Style of installation: Press fit pcb Installation.
7. To prevent the pollution of the environment product info
 RoHS agreement: In line with the european union RoHS.

Unless otherwise specified tolerance:

X.	±0.50	X. °	±3°
.X	±0.38	.X°	±2°
.XX	±0.25		

Mark	NO.	File NO.	Signature	Date
DRAW		TANG JIANPING		2023.08.15
CHK				
MAN				
STD				
APP				

Power Connector Vertical
 Press fit With Latch, Receptacle
 (5P High Power+12P Signal)

1373-532-48-3

SLO. 1373. 005

Projection	Rev.	Weight	Scale
	S0		

All Dimensions in mm Sheet 1 of 1

