



- Notes:
- Material Specification
    - 1-1.Housing: High Temperature Thermoplastic. UL94 V-0, Black.
    - 1-2.Contact: High Conductivity Copper Alloy.
    - 1-3. Leg: Copper Alloy.
  - Plating Specification:
    - 2-1.Contact: Au5μ" plating on Contact area, matte Tin 80μ" min. on Tails, and 50μ" min, Nickel overall.
  - Electrical performance
    - 3-1.Voltage Rating: 20V DC/Power Pin;
    - 3-2.Current Rating: 5A/Per Power Pin;
    - 3-3.LLCR: initial 30.0mΩ max.;
    - 3-4.Dielectric Withstanding Voltage: 500v DC rms;
    - 3-5.Insulation Resistance: 100 MΩ min.
  - Mechanical Performance:
    - 4-1.Insertion force: 39.2N (4.0 kgf) (max.)
    - 4-2.Withdrawal force: 4.9N~29.4N (0.5~3.0 kgf).
    - 4-3.Durability life: 2,000 cycles.
  - IR Reflow:
    - The peak temperature on board shall be maintained for 10 seconds at 260±5°C.
  - Operating Temperature Range: -40~105°C(without loss function).
  - All parts RoHS and Reach compliant.

Net Weight: 1.51g/pc.  
Packaging: 800pcs/Reel, 4,000pcs/Cartron

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			PDC0610B0001				
	.X ± 0.20	X° ± 3°	APPROVED BY	TITLE 5A/Per Pair Power Female 2.5Pitch/10Pos, Vertical DIP Type			
	.XX ± 0.10	.X° ± 2°	Mike				
.XXX ± 0.05	.XX° ± 1°	CHECKED BY	DWG NO. PDC06-10				
CUSTOMER DRAWING CUSTOM PRECISION CONNECTORS		Harry					
SIZE	UNITS	DRAWN BY			SHEET	SCALE	REV
A4	mm[only]	Lucie					