



Threaded PC50TK 50 Pin Female Straight Plug Solder
Cups

Part Number:

PC50TK

Compatible Part Numbers

English P/N	RS50TV
Russian P/N	PC50TB
RENHOTEC P/N	PC50TK

Basic Information

Connector Type	Plug
Orientation	Straight
Gender	Female
Number of Positions	50 Pin
Contact Termination	Solder Cup
Fastening Type	Threaded
Mounting Type	Cable Mount
Contact Size	Φ1mm
Color	Golden Yellow/Light Yellow/Yellow Green

Mechanical Specification

Durability	500 Cycles
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Material Specification

Shell Material	Aluminum Alloy
Shell Finish	Gold Oxide
Contact Material	Copper
Contact Finish	Gold Plated
Insulation Material	Bakelite/PBT
Wire Gauge	22 - 28AWG

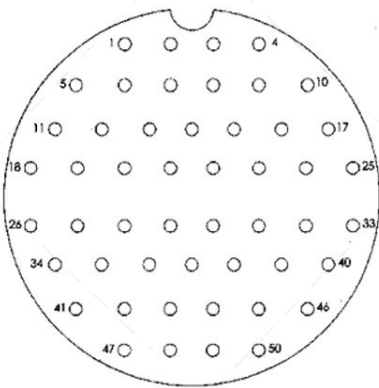
Electrical Specification

Rated Current	3A
Rated Voltage	200V
Contact Resistance	≤8mΩ

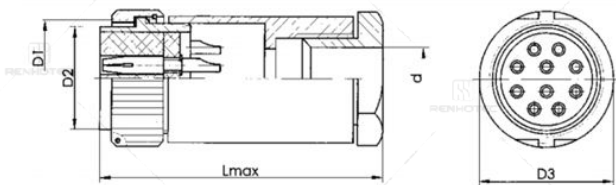
Environmental Specification

Operating Temperature	-40°C~+200°C
Relative Humidity	(92-98)%/40+2°C
Atmospheric Pressure Range	101.33 kPa ~ 6.67 Pa
Vibration Resistance	10-2000 Hz
IP Rating	IP66

Contact Layout



Size



D	D1	D2	D3	d	Lmax
M10×0.75	M10×0.75	8.2	13	6	36
M12×0.75	M12×0.75	10	15	8	38
M14×0.75	M14×0.75	12	17.7	9	41
M18×0.75	M18×1	15.5	21.5	11	42
M22×0.75	M22×1	19.5	26.3	13	42
M27×0.75	M27×1	24	31.1	16	50

How to Order

Product NO.:

PC- 4 T K

Pins: 4,7,10,19, 32, 50 pin



T:
Plug (Female+Cover)



Z
Flange Receptacle



P
Cover



ZP
Flange Male +Cover

- K-Female
- J-Male
- T-Plug (Female+Cover)
- Z-Box Mounting Receptacle
- ZP-Flange Male Plug
- P-Cover

Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.