



Product Service

# Attestation of Conformity

No. N8A 121665 0002 Rev. 00

**Holder of Attestation:** **SHENZHEN MEDLON HARDWARE PRODUCTS CO., LTD.**

Room 401, 1 Area  
Building B The center of Shenzhen Famous brand industry product  
Baoyuan Road  
Bao An district  
518102 Shenzhen, Guangdong  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Connector**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 6810023011601

**Date,** 2023-07-20

( Richard Xu )

Page 1 of 4

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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**Model(s):** JDC-4T-XXX/JDC-4Z-XXX  
 JDC-12T1-XXX/JDC-12Z1-XXX  
 JDC-14T-XXX/JDC-14Z-XXX  
 (XXX maybe 000 to 999, denoting commercial used code)

**Brand:** MEDLON



## Parameters:

1. JDC-4T-XXX/JDC-4Z-XXX, (XXX maybe 000 to 999, denoting commercial used code), JDC-4T-XXX for male part, JDC-4Z-XXX for female part

Item	Specification
Rated current:	95A
Rated voltage:	600VAC/DC
Overvoltage category:	II
Pollution degree:	2
Number of poles:	4
Temperature range (LLT-ULT):	-40°C to +125°C
Type of terminal:	Solder termination for JDC-4T-XXX Crimped for JDC-4Z-XXX
Connectable conductors:	Flexible
Wire cross-section area :	5AWG-6AWG
With or without breaking capacity:	Without (COC)
Number of operating cycles/mechanical endurance:	200
Glow-wire test:	850°C
PTI of plastic:	400V
Remark: Provision against incorrect mating by the connector's mounting.	

Page 2 of 4

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Product Service

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No. N8A 121665 0002 Rev. 00

2. JDC-12T1-XXX/JDC-12Z1-XXX, (XXX maybe 000 to 999, denoting commercial used code), JDC-12TI-XXX for male part, JDC-12Z1-XXX for female part

Item	Specification
Rated current:	Power Pin: 85A, Signal Pin: 3A
Rated voltage:	Power Pin: 600VAC/DC, Signal Pin: 50VAC/DC
Overvoltage category:	II
Pollution degree:	2
Number of poles:	4+8
Temperature range (LLT-ULT):	-40°C to +125°C
Type of terminal:	Solder termination for JDC-12Z1-XXX and JDC-12T1-XXX Signal Pin Crimped for JDC-12T1-XXX Power Pin
Connectable conductors:	Flexible
Wire cross-section area :	Power Pin: 7AWG - 6AWG Signal Pin: 22AWG
With or without breaking capacity:	Without (COC)
Number of operating cycles/mechanical endurance:	500
Glow-wire test:	850°C
PTI of plastic:	400V
Remark: Provision against incorrect mating by the connector's mounting.	

Page 3 of 4

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No. N8A 121665 0002 Rev. 00

3. JDC-14T-XXX/JDC-14Z-XXX, (XXX maybe 000 to 999, denoting commercial used code), JDC-14T-XXX for male part, JDC-14Z-XXX for female part

Item	Specification
Rated current:	Power Pin: 85A, Signal Pin: 3A
Rated voltage:	Power Pin: 600VAC/DC, Signal Pin: 50VAC/DC
Overvoltage category:	II
Pollution degree:	2
Number of poles:	6+8
Temperature range (LLT-ULT):	-40°C to +125°C
Type of terminal:	Solder termination for JDC-14T-XXX Crimped for JDC-14Z-XXX
Connectable conductors:	Flexible
Wire cross-section area :	Power Pin: 7AWG - 6AWG Signal Pin: 22AWG
With or without breaking capacity:	Without (COC)
Number of operating cycles/mechanical endurance:	500
Glow-wire test:	850°C
PTI of plastic:	400V
Remark: Provision against incorrect mating by the connector's mounting.	

**Tested according to:**

EN 61984:2009

Page 4 of 4

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