



Product Service

CERTIFICATE

No. B 047175 0023 Rev. 00

Holder of Certificate: **TE Connectivity Corporation**

2901 Fulling Mill Rd
 Middletown PA 17057
 USA

Certification Mark:



Product: **Connector**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 705201907802-00

Valid until: 2024-07-15

Date, 2019-07-16

(Boris Ouyang)



Product Service

CERTIFICATE

No. B 047175 0023 Rev. 00

Model(s):

HD+ Card Edge Series

1XXXXXX-X, 2XXXXXX-X, 3XXXXXX-X,
4XXXXXX-X, 5XXXXXX-X, 6XXXXXX-X,
7XXXXXX-X, 8XXXXXX-X, 9XXXXXX-X,

X= any number and corresponds to non-safety related functions.
for example: 2343428-1

Parameters:

Rated current (At 25°C):	Power contact: 55.6A
	Signal contact: 3A
Rated voltage:	Power contact: 150VAC/DC
	Signal contact: 60VAC/DC
Number of poles:	Power contact: 12
	Signal contact: 14
Rated impulse voltage:	Power contact: 1.5kV
	Signal contact: 0.8 kV
Overvoltage category:	II
Pollution degree:	1
IP code:	IP00
Temperature range (LLT-ULT):	-55°C to +130°C
Type of terminals:	PCB solder pins
With or without breaking capacity:	Without (COC)
Number of operating cycles/mechanical endurance:	200

Tested according to: EN 61984:2009

Production Facility(ies): 104889

Form

Data form for electrical and electronic component
 Aufbauübersicht für elektrische und elektronische Komponenten



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Applicant / Auftraggeber: TE Connectivity Corporation
 2901 Fulling Mill Rd
 Middletown PA 17057
 USA

Manufacturer / Hersteller: TE Connectivity Corporation
 2901 Fulling Mill Rd
 Middletown PA 17057
 USA

Type of equipment / Geräteart: Connector
 Type/model / Typenbezeichnung: HD+ Card Edge Series
 1XXXXXX-X, 2XXXXXX-X, 3XXXXXX-X,
 4XXXXXX-X, 5XXXXXX-X, 6XXXXXX-X,
 7XXXXXX-X, 8XXXXXX-X, 9XXXXXX-X,
 X= any number and corresponds to non-safety related functions.
 for example: 2343428-1
 Serial no. / Seriennr.: N/A

Rated voltage/frequency / Nennspannung/Frequenz: See below

Parameter concerns	Specification for components
Rated current (At 25°C):	Power contact: 55.6A Signal contact: 3A
Rated voltage:	Power contact: 150VAC/DC Signal contact: 60VAC/DC
Number of poles:	Power contact: 12 Signal contact: 14
Rated impulse voltage:	Power contact: 1.5kV Signal contact: 0.8 kV
Overvoltage category:	II
Pollution degree:	1
IP code:	IP00
Temperature range (LLT-ULT):	-55°C to +130°C
Type of terminals:	PCB solder pins
Connectable conductors:	N/A
Number of bendings /flexings:	N/A
Wire cross-section area:	N/A
Number of operating cycles/mechanical endurance:	200
Number of operating cycles/electrical endurance:	N/A

Form ID: 37933-Rev. 0- Form Effective: 04 Jan 2018

Test Report No. / Prüfbericht Nr.: 70.520.19.078.02-00

Place / Ort: Guangzhou

Date / Datum: 2019-07-09

Name of Project handler: /
 Name Projektleiter: Gultua Yuan



Name, seal and signature of Certificate Holder /
 Name, Stempel und Unterschrift des Zertifikatinhabers:

Sean Zhang
 7/11/2019

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Aufbauübersicht für elektrische und elektronische Komponenten



Product Service

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Glow-wire test:	850°C
Ball-pressure test:	130°C
PTI:	175V
Classification:	
According to protection against electric shock:	<input checked="" type="checkbox"/> unenclosed connector <input type="checkbox"/> enclosed connector
According to the style:	<input checked="" type="checkbox"/> fixed connector <input type="checkbox"/> free connector
According to additional characteristics:	<input type="checkbox"/> with protective earthing contact <input checked="" type="checkbox"/> without protective earthing contact
	<input type="checkbox"/> with breaking capacity (CBC) <input checked="" type="checkbox"/> without breaking capacity (COC)
	<input type="checkbox"/> with interlock <input checked="" type="checkbox"/> without interlock
	<input checked="" type="checkbox"/> non-rewirable connector <input type="checkbox"/> rewirable connector
	<input type="checkbox"/> with cable clamp <input checked="" type="checkbox"/> without cable clamp

Form ID: 37983-Rev. 0- Form Effective: 04 Jan 2018

Test Report No. / Prüfbericht Nr.: 70.520.19.078.02-00

Place / Ort: Guangzhou

Date / Datum: 2019-07-09

Name of Project handler: /
Name Projektleiter: Guihua Yuan



Name, seal and signature of Certificate Holder /
Name, Stempel und Unterschrift des Zertifikalinhabers:

Sean Zhang
7/11/2019

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Data form for electrical and electronic component
 Aufbauübersicht für elektrische und elektronische Komponenten



Product Service

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Additional information for Laser equipment, classification according to IEC/EN 60825
 Zusätzliche Angaben für Laser, Klassifizierung nach IEC/EN 60825

Class / Klasse: N/A
 Wavelength / Wellenlänge: N/A
 Pulse duration / Pulsdauer: N/A

Safety relevant components: (switches, temperature regulators, heating elements, plugs, sockets, wiring, capacitors, motors and other components with windings e.g. transformers, coils, emergency off devices, 2-hand-control-devices, interlock switches, safety light barriers, safety valves, programmable electronic controllers -PLC, hydraulic controllers, pneumatic controllers, Software (Revision), housing parts, materials with contact to food etc.

Components for Functional Safety shall be listed in appropriate table.

The entry of safety relevant components into this table documents and confirms review of suitability and acceptance by the product specialist.

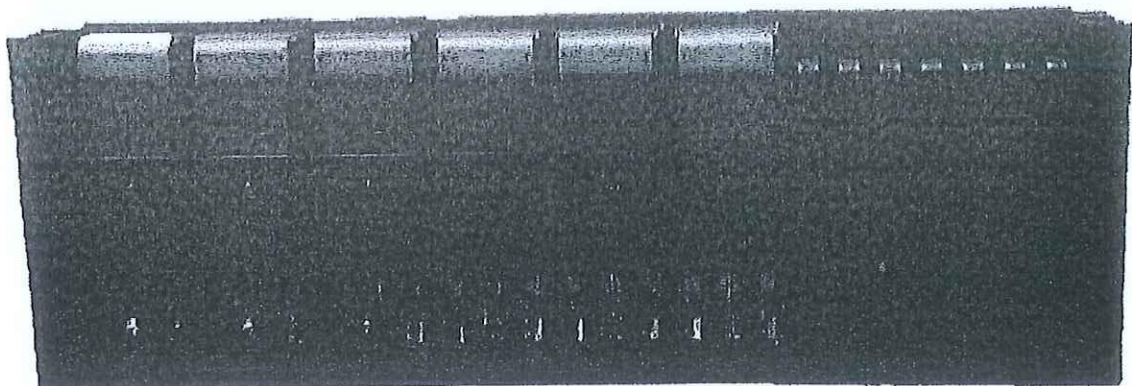
Sicherheitsrelevante Bauteile: (Schalter, Temperaturregler, Heizkörper, Stecker, Fassungen, Leitungen, Kondensatoren, Motoren und sonstige Wicklungen z.B. Transformatoren, Magnetspulen, Not-Aus Geräte, 2-Handsteuerungen, Verriegelungsschalter, Sicherheits-Lichtschranken, Sicherheitsventile, programmierbare Steuerungen-SPS, hydraulische Steuerungen, pneumatische Steuerungen, Software (Revisionsstand), Gehäuseteile, Materialien mit Kontakt zu Lebensmitteln usw.

Komponenten für Funktionale Sicherheit müssen in die entsprechende Tabelle eingetragen werden.

Der Eintrag sicherheitsrelevanter Komponenten in die Übersicht dokumentiert und bestätigt die Überprüfung der Eignung und Freigabe durch den „Product Specialist“.

Bauteil/ Kind of component	Hersteller / Manufacturer	Angaben über Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse / Information about type, current, power, transformer specification number, insulating class	Prüfzeichen von Test mark from (VDE, BSI, UL etc.)
1.Power contact and termination		Copper alloy. Cu min. 95%, Thickness=0.50mm. gold plating. 7x19x0.5, 7x22x0.5, 7x28x0.5, 7x30 x0.5mm	Test with appliance
2.Signal contact and termination		Copper alloy. Cu min. 95%, Thickness=0.40mm. gold plating. 2x22x0.4. 2x29x0.4mm	Test with appliance
3.Base		LCP V-0, RTI: 130°C, grow wire: 850°C, ball pressure: 130°C, PTI: 175V	Test with appliance

Label / Typenschlkd:



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Name of Project handler: /
 Name Projektleiter: Guihua Yuan

Name, seal and signature of Certificate Holder /
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Sean Zhang
 7/11/2019



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Product Service

The marking on the smallest unit of packaging, as below:



Made in: CHINA



INSP

2011/05/EU SUBSTANCE COMP

Batch: 18412

FMT: 959639-1

ORDER: 2705405986

CPN:

INT SN
2343428-1

Blg: T164

REV
A



QTY
840

UM
PC

Std Qty: 840

Prod Number

2343428-1

Date 18412
Code (YYWWDD)

DESC: HD+ CE, RA, CRPS

EXPIRES:

(3S) ILCN006J1HCC

Reel / Box #: 1



Routine Safety Test

Final inspection requirements for production are described in Dielectric strength of EN 61984:2009.

Required

Not Required

Reason:

Class III product

Other:

Test Details:

Dielectric strength test

Continuity of PE path test

Leakage Current

Visual examination

Test Points:

BI: L/L

Protective earthing contacts

The manufacturer's name or trade mark check

Test Values:

1500V/800V

Safety

Extra-Low Voltage (SELV)

==End of CDF==

Form ID: 37393-Rev. 0- Form Effective: 04 Jan 2018

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Date / Datum: 2019-07-09

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Name Projektleiter: Guihua Yuan



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Sean Zhang
7/11 '2019