

Zertifikat *Certificate*



Zertifikat Nr. *Certificate No.*
R 50252537

Blatt *Page*
0003

<i>Ihr Zeichen Client Reference</i>	<i>Unser Zeichen Our Reference</i>	<i>Ausstellungsdatum</i>	<i>Date of Issue</i> <i>(day/mo/yr)</i>
-	ZJL-MAS- 12021816 001	09.05.2018	

Genehmigungsinhaber *License Holder*
Tyco Electronics Japan G.K.
3-5-8 Hisamoto, Takatsu-ku
Kawasaki-shi, Kanagawa
213-8535 Japan

Fertigungsstätte *Manufacturing Plant*
TE Connectivity Connectors
(Suzhou) Co., LTD.
No. 33 Chunyao Road,
Caohu Subdistrict, Suzhou Xiangcheng
Economic Development Zone,
Suzhou, Jiangsu 215000
P. R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
EN 61984:2009
IEC 61984:2008

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Connector Connector, as page 0001

Addition

Factory: (see above)



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg
Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com
Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

Zertifizierungsstelle

Vilmos Sztaroveczki

Zertifikat Certificate



Zertifikat Nr. Certificate No. Blatt Page
R 50252537 0001

Ihr Zeichen Client Reference Unser Zeichen Our Reference Ausstellungsdatum Date of Issue
APP-100908 ZJL-MAS- 12021816 001 12.04.2013 (day/mo/yr)

Genehmigungsinhaber License Holder
Tyco Electronics Japan G.K.
3-5-8 Hisamoto, Takatsu-ku
Kawasaki-shi, Kanagawa
213-8535 JAPAN

Fertigungsstätte Manufacturing Plant
Tyco Electronics (Qingdao) Ltd.
3rd ST. Qingdao
export processing zone, Hetao
Chengyang Qingdao Shandong 266113
P.R. China

Prüfzeichen Test Mark



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 2000000000

Geprüft nach Tested acc. to

EN 61984:2009
IEC 61984:2008

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Connector Connector

Type Designation: Dynamic D-7000 series (see Appendix 1)
Number of poles: 4
Rated Voltage: AC/DC 630V
Rated Current: 18A to 65A (see Appendix 1)
Rated Cross Section: AWG 6 to 16
Limit Temperature: -55°C to +105°C
Max. Ambient Temperature at rated current: +75°C
Overvoltage Category: III
Pollution Degree: 3
Classification: Non CBC
IP-Code: IP 10 (mated), IP 00 (mated) (see Appendix 1)
Terminals: Solder terminals / Crimped connections

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ANLAGE (Appendix): 1

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Zertifizierungsstelle

Dipl.-Ing. (FH) J. Taylor

(To be filled in by TÜV Rheinland)

Constructional Data Form

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License holder: **Tyco Electronics Japan G.K.**
 3-5-8 Hisamoto, Takatsu-ku, Kawasaki-shi, Kanagawa 213-8535 Japan
 Factory: **Tyco Electronics (Qingdao) Ltd.**
 (Full address) Qingdao Export processing zone, Hetao Chengyang, Qingdao, Shandong
 P.R. China.

Type or Model Number: **Dynamic D-7000 Series**
 Kind of device: **Connector**

Specifications	
Type designation	Dynamic D-7000 Series
Contact material	Copper Alloy with silver plating
Number of poles	4
Rated voltage	630 V ac/dc
Rated current	See Table-1
Mechanical endurance	20
Classification	<input type="checkbox"/> CBC <input checked="" type="checkbox"/> Non CBC <input type="checkbox"/> other:
Number of bendings (non-rewirable terminals only)	N/A
Upper limit temperature	105 °C
Lower limit temperature	-55 °C
Maximum ambient temperature at rated current	See Table-2

IP Degree Conditions		
Type of connector	Receptacle	Tab Header
IP code	IP-10 <input checked="" type="checkbox"/> mated <input type="checkbox"/> unmated	IP-00 <input checked="" type="checkbox"/> mated <input type="checkbox"/> unmated
Backshell	N/A	N/A
Cable clamp	N/A	N/A
Cable range	N/A	N/A
Fastening torque	N/A	N/A

TÜV Rheinland

Kawasaki
 (Place)

2013.04.10
 (Date)

2013. Apr. 12 M. Masuda
 (Date) (Signature)

Tyco Electronics Japan G.K.
G. Ezawa

(Stamp and Signature of Applicant)

(To be filled in by TÜV Rheinland)

Constructional Data Form

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Insulation Coordination	
Overvoltage category	III
Pollution degree	3
Test voltages	Contact – contact : 8000 Vp Shell – contact : N/A
Minimum creepage distances	Contact – contact : 11.9 mm Shell – contact : N/A
Minimum clearance distances	Contact – contact : 10.82 mm Shell – contact : N/A
Insulation system (IEC 60664-1)	Contact – contact : <input checked="" type="checkbox"/> basic <input type="checkbox"/> reinforced <input type="checkbox"/> NA Shell – contact : <input type="checkbox"/> basic <input type="checkbox"/> reinforced <input checked="" type="checkbox"/> NA

Specifications (terminals)	
Type of terminals	<input type="checkbox"/> WRAPPED CONNECTIONS <input checked="" type="checkbox"/> SOLDER TERMINALS <input type="checkbox"/> CLIP CONNECTIONS <input checked="" type="checkbox"/> CRIMPED CONNECTIONS <input type="checkbox"/> INSULATION DISPLACEMENT CONNECTIONS <input type="checkbox"/> PRESS-IN CONNECTIONS <input type="checkbox"/> SCREWLESS TERMINALS <input type="checkbox"/> SCREW TERMINALS <input type="checkbox"/> FLAT, QUICK CONNECT TERMINATIONS <input type="checkbox"/> other:
Terminal designation	See page 5.
Material / Plating Material	Copper alloy with silver plating
Spec. Tightening torque	N/A
Rated cross section of conductor	AWG# 6 to 16
Type of conductor	Flexible (Copper wire)
Required preparation of the conductor	N/A
Max. Stripping length	12.6 mm
Max. Number of conductors per terminal	1

TÜV Rheinland

Kawasaki
(Place)

2013.04.10
(Date)

30.3.Apr.12 J. Masuda
(Date) (Signature)

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G. Ezawa

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Constructional Data Form

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Rated Current: (Table-1)

	AWG# 16	AWG# 14	AWG# 12	AWG# 10	AWG# 8	AWG# 6
Wire to board 4 Poles	18 A	23 A	31 A	35 A	50 A	60 A
Wire to Wire 4 Poles	—	—	31 A	35A	55 A	65 A
With CLAMP type to wire	—	—	25 A	35A	45 A	55 A

Maximum ambient temperature at rated curren (Table-2)

	AWG# 16	AWG# 14	AWG# 12	AWG# 10	AWG# 8	AWG# 6
Wire to board 4 Poles	75°C	75°C	75°C	75°C	75°C	75°C
Wire to Wire 4 Poles	—	—	75°C	75°C	75°C	75°C
With CLAMP type to wire	—	—	75°C	75°C	75°C	75°C

TÜV Rheinland

Kawasaki
(Place)

2013.04.10
(Date)

SoB. Apr. 12 M. Kasuda
(Date) (Signature)

Tyco Electronics Japan G.K.

G. Ezawa

(Stamp and Signature of Applicant)

Constructional Data Form
**Connector:
D-7100 Series**
Header Type (Pin)

Poles	Horizontal
4	1981823-□

Panel Mount Type (Pin)

Poles	Panel Mount Tab
4	2134057-□

Free Hanging Type (Socket)

Poles	Receptacle
4	2134055-□

Free Hanging Type CLMAP KIT (Socket)

Poles	Receptacle
4	□-2069313-□

Note; The suffixes -□ denote Keying type

D-7300 Series
Free Hanging Type (Pin)

Poles	Free Hanging Tab
4	2134061-□

Free Hanging Type CLMAP KIT (Pin)

Poles	Free Hanging Tab
4	□-2069312-□

Panel Mount Type (Socket)

Poles	Receptacle
4	2134059-□

Note; The suffixes -□ denote Keying type

TÜV Rheinland

Kawasaki
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2013.04.10
 (Date)

Bob. Apr. 12 Jin. Masuda
 (Date) (Signature)

Tyco Electronics Japan G.K. G. Ezawa
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Constructional Data Form

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Terminal Designation:

AWG#	Contact	Description
6	1871132-1	SOCKET CONTACT
8	1871132-2	SOCKET CONTACT
10-12	1871132-3	SOCKET CONTACT
14-16	1871132-4	SOCKET CONTACT
6	1871131-1 1-1871131-1	PIN CONTACT
8	1871131-2 1-1871131-2	PIN CONTACT
10-12	1871131-3 1-1871131-3	PIN CONTACT

Note; The prefixes denote Pin Type (: Normal Pin, 1- : Long Pin)

TÜV Rheinland

Kawasaki
(Place)

2013.04.10
(Date)

30B. Apr. 12 M. Inasaka
(Date) (Signature)

Tyco Electronics Japan G.K. G. Ezawa
(Stamp and Signature of Applicant)