

CERTIFICATE OF COMPLIANCE

Certificate Number E52653 |
Report Reference E52653-20170424 |
Issue Date 2020-FEBRUARY-27 |

Issued to: HIROSE ELECTRIC CO., LTD |
5-23 OSAKI 5-CHOME
SHINAGAWA-KU
TOKYO 141-8587 JAPAN |

This certificate confirms that
representative samples of

COMPONENT - CONNECTORS FOR USE IN DATA,
SIGNAL, CONTROL AND POWER APPLICATIONS |
See Addendum page |

Have been investigated by UL in accordance with the
component requirements in the Standard(s) indicated on
this Certificate. UL Recognized components are incomplete
in certain constructional features or restricted in
performance capabilities and are intended for installation in
complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 1977 Component Connector for Use in Data, Signal,
Control and Power Applications
CSA C22.2 No. 182.3-16 Special Use Attachment Plugs,
Receptacles and Connectors |

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information.



Bruce Mahrenholz, Director North American Certification Program

UL LLC



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This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product. |



A handwritten signature in black ink, appearing to read 'Bruce Mahrenholz'.

Bruce Mahrenholz, Director North American Certification Program

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Models

USR, CNR Component Connector, Cat. No. HR34B-12WRA-10P(**), HR34B-12WPx-10SC(**) and HR34B-12WLPx-10SC(**).



B. Mahrenholz

Bruce Mahrenholz, Director North American Certification Program

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File E52653
Project 4787891027

April 24, 2017

REPORT

on

COMPONENT - CONNECTORS FOR USE IN DATA, SIGNAL, CONTROL
AND POWER APPLICATIONS

Hirose Electric Co Ltd.
Kanagawa Japan

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DESCRIPTION

PRODUCT COVERED:

USR, CNR Component Connector, Cat. No. HR34B-12WRA-10P(**), **HR34B-12WPx-10SC(**)** and **HR34B-12WLPx-10SC(**)**.

GENERAL:

This device is multi-pole connectors intended for factory assembly on copper wire sizes as indicated in Ratings table below where the acceptability of combinations is determined by UL LLC. The devices are identified as follows:

USR indicates investigation to United States Standards, UL 1977.

CNR indicates investigation to Canadian National Standards, C22.2 No. 182.3.

RATINGS:

Cat. No.	Voltage (Vac/Vdc)	Ampere (A)	Conductor Sizes, AWG (Sol/Str)
HR34B-12WRA-10P(**)	200 Vac 250 Vdc	3.0	20
HR34B-12WPx-10SC(**) HR34B-12WLPx-10SC(**)	200 Vac 250 Vdc	3.0	20

Disconnecting Use - see Sec Gen for required marking

NOMENCLATURE:

The Cat No. HR34B-12WRA-10P(**) is designated as follows:

Example:

<u>HR34B</u>	<u>-12</u>	<u>WRA</u>	<u>-10</u>	<u>P</u>	<u>(**)</u>
I	II	III	IV	V	VI

I: - Basic Construction
HR34B: Series designation.

II: - Shell Size
-12: Diameter (mm) of the mating interface of the plug.

III: - Shell Style
WBA: Receptacle.

IV: - Number of Poles
-10: 10 poles.

V: - Contact/Terminal Style
P: Male/Solder cup type.

VI: - Customer specifications
(01) through (99) or blank: Indicating packaging differences.

NOMENCLATURE:

The Cat No. HR34B-12WpPz-10SC(**) is designated as follows:

Example:

HR34B	-	12	WLP	D	-	10	SC	(**)
I		II	III	IV		V	VI	VII

I: - Basic Construction

HR34B: Series designation.

II: - Shell Size

-12: Diameter (mm) of the mating interface of the receptacle.

III: - Shell Style

WP: straight plug

WLP: right angle plug

IV: - Hood material and applicable cable size

A: metal sleeve + metal hood, applicable sizes are from ϕ 5,7 to ϕ 6,5.

B: metal sleeve + metal hood, applicable sizes are from ϕ 6,5 to ϕ 7,3.

D: metal sleeve + plastic hood,
applicable sizes are from ϕ 5,7 to ϕ 6,5.

E: metal sleeve + plastic hood,
applicable sizes are from ϕ 6,5 to ϕ 7,3.

K: metal sleeve + metal hood,
applicable sizes are from ϕ 8,0 to ϕ 9,0.

M: metal sleeve + plastic hood,
applicable sizes are from ϕ 5,7 to ϕ 7,3.

N: metal sleeve + plastic hood,
applicable sizes are from ϕ 6,5 to ϕ 8,0.

IV: - Number of Poles

-10: 10 poles.

V: - Contact/Terminal Style

SC: female/crimp type.

VI: - Customer specifications

(01) through (99) or blank: Indicating packaging differences.