

File E52653
Project 4786331092

April 27, 2014

REPORT

on

COMPONENT - Connectors for Use in Data, Signal, Control and Power Applications
- Component

Hirose Electric Co Ltd
Tokyo, Japan

Copyright © 2014 UL LLC

UL LLC authorizes the above named company to reproduce this Report only for purposes as described in the Conclusion. The Report should be reproduced in its entirety; however to protect confidential product information, the Construction Details Descriptive pages may be excluded.

DESCRIPTION

PRODUCT COVERED:

USR - Component Connector, Plug, Series JR25, followed by WPH, followed by number, followed by S or P.

USR - Component Connector, Receptacle, Series JR25, followed by WRH, followed by number, followed by S or P.

GENERAL:

These devices are multi-pole connectors intended for factory assembly on flexible copper wire by soldering, sizes as indicated in Ratings table below, and where the acceptability of combinations is determined by UL LLC.

The devices are identified as follows:

USR indicates investigation to UL 1977 STANDARD FOR COMPONENT CONNECTORS FOR USE IN DATA, SIGNAL, CONTROL AND POWER APPLICATIONS - Edition 2 - Revision Date 2013/07/09.

RATINGS:

Cat. Nos.	Voltage	Ampere	Conductor Sizes
*JR25WPH-4	300 V ac/420 V dc	30 A	No. 10-12 AWG STR
*JR25WRH-4	300 V ac/420 V dc	30 A	No. 10-12 AWG STR

NOMENCLATURE: The Series JR25 models are designated as follows:

Plugs and Receptacles:

Example:

JR	25	WP	-	4	P
I	II	III		IV	V

I: - Series Name

II: - Outer diameter of plug shell for mating

III: - Shell Type

WP = Plug

WR = Receptacle

IV: - Number of poles

V: - Terminal Type

P = Male terminal (pin)

S = Female terminal (contact)