

File E52653  
SR# SR7396334-T001

August 23, 1985

REPORT

On

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

Hirose Electric Co Ltd  
Yokohama 222-8566 JAPAN

Copyright © 1985 Underwriters Laboratories Inc.

Underwriters Laboratories Inc. authorizes the above named company to reproduce this Report either in its entirety or the portion of this Report consisting of the Cover Page up to (but not including) the Construction Details Descriptive pages.

D E S C R I P T I O NPRODUCT COVERED:

USR Component Connectors, Series QR/P1:

\* Cat. Nos. QR/P1, followed by -8, -12, -16, -24 or -32, followed by P or S, followed by -C, may be followed by (01) thru (99).

GENERAL DESCRIPTION OF PRODUCTS:

These are plugs and connectors for use in appliances. Contacts are shipped along with connector bodies and are intended to be mounted into the connector body by the user after attachment of appropriate size wire. The devices are identified as follows:

USR indicates investigation to United States Standards, UL 1977.

ELECTRICAL RATINGS:

120/250 V ac, current determined by contact type and wire size used.

<u>Contact</u>	<u>Wire Size (AWG)</u>	<u>Rated Current</u>	
		<u>120 V</u>	<u>250 V</u>
QR/P1-PC1B, SC1B	<b>14-16</b>	10 A	3 A
* -PC1A, <b>SC1A</b>	18-24	3 A	1 A
-PC2B, SC2B	20-24	3 A	1 A
-PC2A, SC2A	24-28	1 A	0.5 A

<u>Contact</u>	<u>Wire Size (AWG)</u>	<u>Rated Current</u>	
		<u>120 V</u>	<u>250 V</u>
QR/P1-PCA1B	14-16	10 A	3 A
-PCA1A	18-24	3 A	1 A
-PCA2B	20-24	3 A	1 A
-PCA2A	24-28	1 A	0.5 A
-PCB2A	24-28	1 A	0.5 A

Disconnecting Use - See Sec. Gen. For required markings.

## NOMENCLATURE:

The Series QR/P1 are designated as follows:

Example:

QR/P1	-12	P	-C	(21)
I	II	III	IV	V

I: Series Name  
QR/P1

II: Number of Contacts  
\* -8, -12, -16, -24 and -32

III: Connector Style  
P: Receptacle  
S: Plug

IV: Terminal Style  
-C: Crimp type

V: Customer Specifications  
(01) to (99) or blank: Indicating packaging differences or Insulator material color variations **unless noted otherwise.**

**(21): Employing TORAY insulating material**

**Other than (21): Employing other than TORAY insulating material.**