

File E52653
SR# SR7396334-T001

March 11, 1981

REPORT

On

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

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

USR Component Connectors, Series QR/P:

***Cat. Nos. QR/P, followed by -4, -8, -12, -16 or -24, followed by P or S, followed by -C, may be followed by (01) thru (99).**

GENERAL DESCRIPTION OF PRODUCT:

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 V ac, 10 A or 250 V ac, 10 A or 600 V ac, 1 A for one set of contacts at each end; 250 V ac, 7 A, 250 V ac, 3 A or 250 V ac, 1 A for all other contacts.

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

NOMENCLATURE:

The Series QR/P are designated as follows:

Example:

QR/P	-12	P	-C	(01)
I	II	III	IV	V

I: Series Name
QR/P

II: Number of Contacts
-4, -8, -12, -16 and -24

III: Connector Style
P: Receptacle
S: Plug

IV: Terminal Style
-C: Crimp type

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

(21): Employing TORAY insulating material

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

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use only in or with complete equipment where the acceptability of the combination is determined by UL LLC.

Conditions of Acceptability - The following are among the considerations for determining the acceptability of the devices:

1. These devices are not suitable for interrupting the flow of current by connecting or disconnecting the mating connector.
2. The placement of these devices within the enclosure or appliance should be such that spacings between live parts and dead-metal are suitable for the application.
3. The applicable wire size for the outside sets of contacts are No. 14-16 AWG, for the remaining contacts No. 18-24 AWG. See ILL. 4. Only stranded wires rated minimum 80°C are to be used.