

File E52653  
Project 11CA13471

Issued: May 6, 2011  
Revised: March 7, 2018

REPORT

on

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

Hirose Electric Co Ltd  
Yokohama, Japan

Copyright © 2011 Underwriters Laboratories Inc.

\*Underwriters Laboratories Inc. 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 **Connectors, Series EM35M**: Cat. Nos. **EM35M, followed by** P-4, R-4 **or** RA-4, followed by SC or PC, may be followed by **(01) thru (99)**.

## GENERAL:

\* These devices are multi-pole connectors intended for factory assembly on No. 8 AWG or 10 AWG stranded copper conductors 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.

## RATINGS:

Cat. Nos.	Number of Poles	AWG	Voltage ac/dc	Current (A)
EM35MP-4**C**, EM35MR-4**C**, EM35MRA-4**C**	4	10	500	30
		8	500	50

Disconnecting Use - see Sec Gen for required marking

\* NOMENCLATURE: The **Series** EM35M are designated as follows:

Example:  $\frac{EM35M}{I}$     $\frac{P}{II}$    -    $\frac{4}{III}$     $\frac{S}{IV}$     $\frac{99}{V}$

I: - Series number, always EM35M

II: - Terminal type, may be P or S,

P - Plug

R - Receptacle

**RA - Receptacle, mounting flange type.**

III: - Number of terminals, may be 4 only

IV: - Housing type, May be P or S only.

PC - Male Contact

SC - Female Contact

\* V: - **Customer Specifications**

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

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

**Other than (81): Employing other than SABIC or DIC CORP insulating material.**