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 In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD				
RATING	Operating temperature range	-25 °C TO +85 °C	Storage temperature Range	-10 °C TO +60 °C
	Voltage	_____	_____	_____
	Current	2 A	Applicable cable	AWG#18 TO 22 (Jacket diameter ϕ 1.7 Max.)
SPECIFICATIONS				
ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
General examination	Visually and by measuring instrument.	According to drawing.	X	X
Marking	Confirmed visually.		X	X
ELECTRIC CHARACTERISTICS				
Contact resistance	Contact shall be measured AT DC 1 A	15 m Ω MAX.	X	-
MECHANICAL CHARACTERISTICS				
Contact insertion and withdrawal forces	ϕ 0.57 ⁰ _{-0.003} By steel gauge.	Insertion and withdrawal forces : 0.15 N MIN.	X	-
Mechanical operation	1000 times insertions and extractions.	Contact resistance: 20 m Ω MAX.	X	-
Tensile strength (crimped connection)	Crimped only connector of the applicable wire and pulling the applicable wire	AWG #22 (16/ ϕ 0.16) : 54 N MIN. AWG #20 (27/ ϕ 0.16) : 60 N MIN. AWG #18 (42/ ϕ 0.16) : 90 N MIN.	X	-
ENVIRONMENTAL CHARACTERISTICS				
Corrosion salt mist	Exposed in 5 % salt water spray for 48 h.	No heavy corrosion ruin the function.	X	-
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
0				
REMARK		APPROVED	EJ.KUNII	16.02.25
		CHECKED	EJ.KUNII	16.02.25
Unless otherwise specified, refer to IEC 60512 (JIS C 5402).		DESIGNED	MM.ISHII	16.02.24
		DRAWN	MM.ISHII	16.02.24
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC-010243-00-00	
HRS	SPECIFICATION SHEET	PART NO.	RP17-SC-212	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL113-0509-2-00	1/1