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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
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
	SPECIFICATION SHEET		PART NO.	RP17-SC-212	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL113-0509-2-00	1/1