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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 ϕ1.7 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 mΩ MAX.	X	–
MECHANICAL CHARACTERISTICS				
Contact insertion and withdrawal forces	ϕ0.57 $^{0}_{-0.003}$ By steel gauge.	Insertion and withdrawal forces : 0.15 N MIN.	X	–
Mechanical operation	1000 times insertions and extractions.	Contact resistance: 20 mΩ MAX.	X	–
Tensile strebgth (crimped connection)	Crimped only connector of the applicable wire and pulling the applicable wire	AWG #22(16/ϕ0.16) : 54 N MIN. AWG #20(27/ϕ0.16) : 60 N MIN. AWG #18(42/ϕ0.16) : 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
A					

REMARK

Unless otherwise specified, refer to IEC 60512 (JIS C 5402).

APPROVED	EJ.KUNII	16.02.25
CHECKED	EJ.KUNII	16.02.25
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-010241-00-00

HRS	SPECIFICATION SHEET	PART NO.	RP17-SC-112	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL113-0505-1-00	A 1/1

FORM HD0011-2-1