

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 $\begin{smallmatrix} 0 \\ -0.003 \end{smallmatrix}$ 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 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-010243-00-00	
HRS	SPECIFICATION SHEET		PART NO.	RP17-SC-212		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL113-0509-2-00		1/1