

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