


APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-25 °C TO +85 °C	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C	
	VOLTAGE				
	CURRENT	5 A	APPLICABLE CABLE	AWG#20 TO 24	
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	7 mΩ MAX.	X	—
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND WITHDRAWAL FORCES		φ0.991 BY STEEL GAUGE.	INSERTION AND WITHDRAWAL FORCES : 0.15 N MIN.	X	—
		φ1.041 BY STEEL GAUGE.	INSERTION AND WITHDRAWAL FORCES : 3.4 N MAX.		
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.	CONTACT RESISTANCE: 10 mΩ MAX.	X	—
TENSILE STRENGTH (CRIMPED CONNECTION)		CRIMPED ONLY CONNECTOR OF THE APPLICABLE WIRE AND PULLING THE APPLICABLE WIRE	AWG #24 : 36 N MIN. AWG #22 : 54 N MIN. AWG #20 : 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
Q					
REMARK Unless otherwise specified, refer to IEC60512..			APPROVED	EJ.KUNII	15.10.13
			CHECKED	EJ.KUNII	15.10.13
			DESIGNED	TP.KOMATSU	15.10.09
			DRAWN	SY.KONDO	15.10.09
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-007614-00-00
HRS	SPECIFICATION SHEET		PART NO.	RM-SC-212	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL109-0671-1-00	 1/1