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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	-40 °C TO +100 °C		STORAGE TEMPERATURE RANGE	-40 °C TO +85 °C	
	VOLTAGE					
	CURRENT	10 A (WITH 1.5mm ² WIRE)		APPLICABLE CABLE	0.2mm ² TO 1.65mm ²	
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		5 mΩ MAX.		X X
MECHANICAL CHARACTERISTICS						
CONTACT INSERTION AND WITHDRAWAL FORCES		φ0.97±0.003 BY STEEL GAUGE.		INSERTION AND WITHDRAWAL FORCES : 0.2 N MIN.		X —
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		1.25mm ² : 200 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	16.02.17
				CHECKED	EJ.KUNII	16.02.17
				DESIGNED	SJ.SHIMIZU	16.02.17
				DRAWN	SJ.SHIMIZU	16.02.17
Unless otherwise specified, refer to IEC 60512.						
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC-112146-71-00
		SPECIFICATION SHEET		PART NO. HR31-SC-121 (71)		
		HIROSE ELECTRIC CO., LTD.		CODE NO. CL131-0005-0-71 △ 1/1		