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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 Unless otherwise specified, refer to IEC 60512.			APPROVED	EJ.KUNII	16.02.17
			CHECKED	EJ.KUNII	16.02.17
			DESIGNED	SJ.SHIMIZU	16.02.17
			DRAWN	SJ.SHIMIZU	16.02.17
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