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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	VOLTAGE	150 V AC	CURRENT	1 A	
	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTES 1)	STORAGE TEMPERATURE RANGE	-10°C TO +60 °C(NOTE 3)	
	OPERATING HUMIDITY RANGE	20% TO + 80%(NOTE 2)	STORAGE HUMIDITY RANGE	40% TO + 70%(NOTE 3)	
	APPLICABLE CABLE	26 - 30 AWG			
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	100mA (DC or 1000Hz).		30 mΩ MAX.	X	-
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCE	□0.35±0.002mm BY STEEL GAUGE.		INSERTION FORCE : 3.9N MAX. EXTRACTION FORCE : 0.3N MIN.	x	-
MECHANICAL OPERATION	50 TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→15 TO 35→+85→5 TO35 °C TIME 30 →10 TO 15 →30 →10 TO 15min UNDER 5 CYCLES.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48h.		①CONTACT RESISTANCE: 60 mΩ MAX. ② NO HEAVY CORROSION.	X	-
SULPHUR DIOXIDE	EXPOSED IN 10 PPM FOR 96h		①CONTACT RESISTANCE: 60 mΩ MAX. ② NO HEAVY CORROSION.	X	-
REMARKS					
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT NOTE 2:NO CONDENSING. NOTE 3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD, AFTER PCB BOARD, OPERATINGTEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
			APPROVED	TS. SAKATA	09.10.27
			CHECKED	TS. FUKUSHIMA	09.10.27
			DESIGNED	KT. ISHII	09.10.13
			DRAWN	YK. NAKATSU	09.10.07
Unless otherwise specified, refer to MIL-STD-1344.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-162290-01	
HRS	SPECIFICATION SHEET		PART NO.	DF13G-2630SCFA	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL536-0642-9-00	△ 1/1