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 In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△ 1	DIS-H-04572(04572)	I.D	T.M	01.08.06	△				
△					△				
<b>APPLICABLE STANDARD</b>									
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO 85 °C(NOTE 1)			STORAGE TEMPERATURE RANGE	-10°C TO 60 °C			
	VOLTAGE	150 V AC			APPLICABLE CONNECTORS	—			
	CURRENT.	1 A			OPERATING HUMIDITY RANGE	UL1571 : AWG26 · 28			
<b>SPECIFICATIONS</b>									
ITEM		TEST METHOD			REQUIREMENTS			QT	AT
<b>CONSTRUCTION</b>									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			×	×
MARKING		CONFIRMED VISUALLY.						×	×
<b>ELECTRIC CHARACTERISTICS</b>									
CONTACT RESISTANCE		20 mV MAX, 1 mA(DC OR 1000 Hz).			30 mΩMAX.			×	—
<b>MECHANICAL CHARACTERISTICS</b>									
CONTACT INSERTION AND EXTRACTION FORCES		□0.3+0.005 BY STEEL GAUGE.			INSERTION FORCE 3.0 N MAX. EXTRACTION FORCE 0.15 N MIN.△			×	—
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			×	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75mm AT 2 h, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1μs.			×	—
SHOCK		490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.			② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			×	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>									
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 →5 TO 35→85 →5 TO 35 °C TIME 30 →10 TO 15→30→10 TO 15 min UNDER 5 CYCLES.			① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE:500MΩMIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			×	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.			① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 500MΩMIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			×	—
CORROSION,SALT MIST		EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.			① NO HEAVY CORROSION.			×	—
SULPHUR DIOXIDE		EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD : JEIDA-39)			① NO HEAVY CORROSION.			×	—
<b>REMARKS</b>									
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
				Y.INOUE	Y.INOUE	T.MIYAZAKI	K.KATAYOSE		
Unless otherwise specified, refer to MIL-STD-1344.				'00.11. 8	'00.11. 8	'00.11. 8	'00.11. 9		
Note QT: Qualification Test AT: Assurance Test ×:Applicable Test									
<b>HRS</b> HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. DF14-2628SCFA		
CODE NO.(OLD)		DRAWING NO.		PEART NO				1	
CL		ELC4-160551		CL538-0002-0				1	

TO

