

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		
△					△						
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APPLICABLE STANDARD											
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTE1)			STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C(NOTE2)					
	VOLTAGE	150 V AC			APPLICABLE CONTACT	—					
	CURRENT	1 A			APPLICABLE CONNECTOR	—					
					APPLICABLE CABLE	AWG26-30					
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		100 mA (DC OR 1000 Hz).			30 mΩ MAX.			X —			
MECHANICAL CHARACTERISTICS											
CONTACT INSERTION AND EXTRACTION FORCES		□0.35 ± 0.002 BY STEEL GAUGE.			INSERTION FORCE 3 N MAX. EXTRACTION FORCE 0.3 N MIN.			X —			
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X —			
LANCE STRENGTH		MEASURE MAX.VALUE UNDER THE FOLLOWING METHOD: APPLY WIRE TENSILE STRENGTH AT THE SPEED OF MAX.30mm/min WITH CONNECTOR FIXED, UNTIL CONTACT OR CRIMP CASE BREAK DOWN.			7.8 N MIN.			X —			
CLIMP TENSILE STRENGTH		MEASURE MAX. VALUE UNDER THE FOLLOWING METHOD: APPLY WIRE TENSILE STRENGTH TO CAULKING AREA AXIALLY AT THE SPEED OF 30mm/min UNTIL WIRE BECOME LOOSEN OR BREAK DOWN.			AWG26 10N MIN (7 CORES / 0.16mm) AWG28 8N MIN (7 CORES / 0.127mm) AWG30 6N MIN (7 CORES / 0.10mm)			X —			
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1 μs.			X —			
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X —			
ENVIRONMENTAL CHARACTERISTICS											
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 →5 ~ 35 →+85 →5 ~ 35 °C TIME 30 →10 ~ 15 →30 →10 ~ 15min UNDER 5 CYCLES.			① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X —			
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 h.			① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X —			
REMARKS											
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT. NOTE2: "STORAGE" REFERS TO A LONG PERIOD OF STORAGE WITHOUT USE OF THE PRODUCT BEFORE BEING MOUNTED ON A BOARD. THE OPERATING TEMPERATURE AND HUMIDITY RANGES APPLY TO THE CONNECTORS MOUNTED ON A BOARD WHEN TURNED OFF, AND CONNECTORS UNDER TEMPORARY STORAGE SUCH AS THOSE BEING TRANSPORTED.				DRAWN		DESIGNED		CHECKED		APPROVED	
				<i>T.Yamanoto</i>		<i>T.Yamanoto</i>		<i>C.Hanami</i>		<i>K.Katayama</i>	
				01.5.7		01.5.7		01.6.15		01.6.18	
Unless otherwise specified, refer to MIL-STD-1344.											
Note QT:Qualification Test AT:Assurance Test X:Applicable Test											
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. DF13-2630SCFA(05)				
CODE NO.(OLD) CL			DRAWING NO. ELC4-071220-03			PART NO. CL536-0298-5-05			1 1		

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