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 In case that the application demands a high level of reliability, such as automotive,  
 please contact a company representative for further information.

APPLICABLE STANDARD		△TÜV approved(R50177688)					
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +125°C		STORAGE TEMPERATURE RANGE	-10°C TO +60°C		
	VOLTAGE	AC 250 V , DC 250 V		—			
	CURRENT	—		APPLICABLE CABLE	—		
SPECIFICATIONS							
ITEM		TEST METHOD		REQUIREMENTS		QT	AT
<b>CONSTRUCTION</b>							
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.		X	X
MARKING		CONFIRMED VISUALLY.				X	X
<b>ELECTRIC CHARACTERISTICS</b>							
CONTACT RESISTANCE		CONTACT SHALL BE MEASURED AT —		— mΩ MAX.		—	—
INSULATION RESISTANCE		500 V DC.		5000 MΩ MIN.		X	X
VOLTAGE PROOF		2210 V AC. FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		X	X
<b>MECHANICAL CHARACTERISTICS</b>							
CONTACT INSERTION AND WITHDRAWAL FORCES		— BY STEEL GAUGE.		INSERTION AND WITHDRAWAL FORCES : — N MIN.		—	—
CONNECTOR INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.		INSERTION AND WITHDRAWAL FORCES :100 N MAX.		X	—
CONTACT RETENTION FORCE		PULL A TERMINAL BY 50N FROM TERMINAL AREA.		DO NOT MOVE THE TERMINAL.		X	—
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.		CONTACT RESISTANCE: — mΩ MAX.		—	—
VIBRATION		FREQUENCY: 10 → 55 → 10 (Hz) (1CYC,5min), SINGLE AMPLITUDE 0.75 mm, AT 10 CYC, FOR 3 DIRECTIONS.		①NO ELECTRICAL DISCONTINUITY OF 10 μs. ②NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		X	—
SHOCK		△ IN OPPOSITE DIRECTIONS OF EACH 3 DEMENSION AXIS FOR 3 TIMES AT 490 m/s <sup>2</sup> DURATIONS OF PULSE 11 ms.		① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		X	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>							
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→ R/T <sup>(1)</sup> → +125 → R/T °C TIME 30 → 2 TO 3 → 30 → 2 TO 3 min UNDER 5 CYCLES.		① INSULATION RESISTANCE: 5000 MΩ MIN. . ② NO DAMAGE. CRACK AND LOOSENESS OF PARTS.		X	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90 TO 95 %, 96 h.		① INSULATION RESISTANCE: 50 MΩ MIN (AT HIGH HUMIDITY). ② INSULATION RESISTANCE: 500 MΩ MIN (AT DRY). ③ NO DAMAGE. CRACK AND LOOSENESS OF PARTS.		X	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		NO HEAVY CORROSION RUIN THE FUNCTION.		X	—
SEALING		EXPOSED AT A DEPTH OF 1.8 m FOR 48 h.		NO WATER PENETRATION INSIDE CONNECTOR.		X	—
AIR TIGHTNESS		APPLY AIR PRESSURE 17.6kPa FOR 0.5min TO INSIDE CONNECTOR.		NO AIR BUBBLES INSIDE CONNECTOR.		X	—
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE	
	2	DIS-C-002271		HS. NAGANO	HY. KISHI	11. 08. 04	
REMARK				APPROVED	SU. OBARA	09. 10. 05	
NOTES(1) R/T : ROOM TEMPERATURE				CHECKED	HY. KOBAYASHI	09. 10. 05	
△ (2) ABOVE SPECIFICATIONS SHOWS THE VALUES IN ASSEMBLED CONDITION WITH APPLICABLE CRIMP CONTACTS.				DESIGNED	HS. NAGANO	09. 10. 02	
△ (3) SEALING AND AIRTIGHTNESS SHALL BE TESTED UNDER MATED CONDITION WITH AN APPLICABLE CONNECTOR.				DRAWN	HS. NAGANO	09. 10. 02	
Unless otherwise specified, refer to JIS C 5402.							
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-11596-00	
<b>HRS</b>	SPECIFICATION SHEET			PART NO.	EM35WBP-4SC		
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL138-0008-3-00		△ 1/1