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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
△				..	△				..	
△				..	△				..	
APPLICABLE STANDARD										
RATING	OPERATING TEMPERATURE RANGE	— °C TO — °C			STORAGE TEMPERATURE RANGE	— °C TO — °C				
	VOLTAGE	AC 250V			OPERATING HUMIDITY RANGE	— % TO — %				
	CURRENT	3A			APPLICABLE CABLE	AWG 22 TO 26				
SPECIFICATIONS										
JACKET DIAMETER 1.0 TO 1.8 mm										
ITEM	TEST METHOD				REQUIREMENTS				Q/T	A/T
CONSTRUCTION										
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				○	○
MARKING	CONFIRMED VISUALLY.								—	—
ELECTRICAL CHARACTERISTICS										
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).				15 mΩ MAX.				○	—
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX. mA (DC OR 1000 Hz).				mΩ MAX.				—	—
INSULATION RESISTANCE	V DC				MΩ MIN.				—	—
VOLTAGE PROOF	V AC FOR 1 min				NO FLASHOVER OR BREAKDOWN.				—	—
MECHANICAL CHARACTERISTICS										
CONTACT INSERTION AND EXTRACTION FORCES	□ 0.635 ± 0.002 BY STEEL GAUGE.				INSERTION FORCE 2.4 N MAX. EXTRACTION FORCE 0.4 N MIN.				○	—
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.				—	—
MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS				① CONTACT RESISTANCE: 15 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	—
VIBRATION	FREQUENCY TO Hz, SINGLE AMPLITUDE mm, m/s ² AT h FOR DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF #s. ② CONTACT RESISTANCE: mΩ MAX.				—	—
SHOCK	m/s ² DURATION OF PULSE AT TIMES FOR DIRECTION. ms				① NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				—	—
ENVIRONMENTAL CHARACTERISTICS										
DAMP HEAT (STEADY STATE)	EXPOSED AT °C. % h.				① CONTACT RESISTANCE: mΩ MAX. ② INSULATION RESISTANCE: MΩ MIN.				—	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE → → → °C TIME → → → min UNDER CYCLES.				③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				—	—
DAMP HEAT, CYCLIC	EXPOSED AT TO °C, % TOTAL TO CYCLES (h).				① CONTACT RESISTANCE: mΩ MAX. ② INSULATION RESISTANCE: MΩ MIN. (AT HIGH HUMIDITY) ③ INSULATION RESISTANCE: MΩ MIN. (AT DRY) ④ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				—	—
DRY HEAT	EXPOSED AT °C. h.				① CONTACT RESISTANCE: mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				—	—
CORROSION SALT MIST	EXPOSED IN 5% SALT WATER SPRAY FOR 48h.				① CONTACT RESISTANCE: 15 mΩ MAX. ② NO HEAVY CORROSION.				○	—
HYDROGEN SULPHIDE	EXPOSED IN PPM FOR h. (TEST STANDARD: JEIDA-38)								—	—
SULPHUR DIOXIDE	EXPOSED IN PPM FOR h. (TEST STANDARD: JEIDA-39)								—	—
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, °C FOR IMMERSION, s.				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINAL.				—	—
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, °C FOR IMMERSION DURATION, s.				A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95% OF THE SURFACE BEING IMMersed.				—	—
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
CLAMP STRENGTH: 23.5 Nmin. (AWG 26)					2/ Sakamoto	2/ Sakamoto	M. Natsuura	Y. Yoshimura		
Unless otherwise specified, refer to MIL-STD-1344.					95.2.20	95.2.20	95.2.22	95.2.22		
Note Q/T: Qualification Test A/T: Assurance Test ○: Applicable Test										
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO. HIF3-2226SCFC		
CODE NO. (OLD)			DRAWING NO.			CODE NO.			1/1	
CL			ELC4-017873			CL 613-0002-1			1/1	

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