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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				QT	AT
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	3.4 N MAX.			○	—
					EXTRACTION FORCE	0.56 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 ANPLITUDE TO m/s ² AT h FOR DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF μs.				—	—
					② CONTACT RESISTANCE: mΩ MAX.				—	—
SHOCK	AT m/s ² DURATION OF PULSE ms FOR DIRECTION.				① NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				—	—
ENVIRONMENTAL CHARACTERISTICS										
DAMP HEAT (STEADY STATE)	EXPOSED AT	°C	%	h.	① CONTACT RESISTANCE: mΩ MAX.				—	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE	—	—	°C min	② INSULATION RESISTANCE: MΩ MIN.				—	—
	UNDER	CYCLES.	—	—	③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				—	—
DAMP HEAT, CYCLIC	EXPOSED AT	TO °C	TO h.		① CONTACT RESISTANCE: mΩ MAX.				—	—
	% TOTAL	CYCLES (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.				—	—
SOLDRABILITY	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	
CLIMP STRENGTH: 23.5 Nmin. (AWG26)					21. Sakamoto	21. Sakamoto	M. Matsumura	Y. Yoshimura		
Unless otherwise specified, refer to MIL-STD-1344.					95.2.20	95.2.20	95.2.22	95.2.22		
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test										
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO.		
								HIF3-2226SCFA		
CODE NO. (OLD)			DRAWING NO.			CODE NO.			1/1	
CL			ELC4-016843			CL 562-0245-5			1/1	

TO
PCK