

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					
APPLICABLE STANDARD											
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO +85 °C (NOTE1)				STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C				
	VOLTAGE	2 5 0 V AC				APPLICABLE CONTACT	—				
	CURRENT	24AWG 3A				APPLICABLE CONNECTOR	D F 3 (AA) - *EP-2C				
		26AWG 2A				APPLICABLE CABLE	UL1061 AWG24~28				
	28AWG 1A										
SPECIFICATIONS											
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).				30 mΩ MAX.			○	—	
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		20 mV MAX, mA(DC OR 1000 Hz).				mΩ MAX.			—	—	
INSULATION RESISTANCE		500 V DC.				1000 MΩ MIN.			○	—	
VOLTAGE PROOF		650 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.			○	—	
MECHANICAL CHARACTERISTICS											
CONTACT INSERTION AND EXTRACTION FORCES		BY STEEL GAUGE.				INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.			—	—	
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.			—	—	
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			○	—	
VIBRATION		FREQUENCY 10 TO 55Hz, SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs.			○	—	
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				② CONTACT RESISTANCE: 30 mΩ MAX. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			○	—	
ENVIRONMENTAL CHARACTERISTICS											
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → 5~35→+85 → 5~35 °C TIME 30→ 5 MAX→ 30 → 5 MAX min UNDER 5CYCLES.				① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE:1000MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			○	—	
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90~95 %, 96 h.				① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE:500MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			○	—	
RESISTANCE TO SOLDERING HEAT		SOLDER TEMPERATURE, °C, FOR IMMERSION, DURATION, s.				NO DEFORMATION ON CASE OR EXCESSIVE LOOSENESS OF THE TERMINALS.			—	—	
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, °C FOR IN IMMERSION, DURATION, s.				SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.			—	—	
REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.						DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
Unless otherwise specified, refer to MIL-STD-1344.						Y. Inoue	T. Miyazaki	K. Akayama	K. Katayama		
						'98.9.29	'98.9.29	'98.9.30	'98.10.20		
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test											
HRS LTD.		HIROSE ELECTRIC CO.,				SPECIFICATION SHEET			PART NO. DF3-EP2428PCF		
CODE NO.(OLD) CL		DRAWING NO. ELC4-020374				CODE NO. CL543-0062-7				1 1	