

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-40°C TO + 85°C (NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO + 60°C (NOTE 3)	
	OPERATING HUMIDITY RANGE	40% TO + 80% (NOTE 2)	STORAGE HUMIDITY RANGE	40% TO + 70% (NOTE 3)	
	VOLTAGE	250V AC/DC	APPLICABLE CONNECTOR	DF11-**DEP-2C	
	CURRENT	AWG24 : 2.5A/pin AWG26 : 2.0A/pin AWG28 : 1.0A/pin	APPLICABLE CABLE	UL1007 AWG24 TO 28	
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		100mA (DC OR 1000 Hz).	30mΩ MAX.	X	—
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE: 30mΩ MAX. 2) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 1μs. 2) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 1μs. 2) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→ 5 TO 35→ 85→ 5 TO 35 °C TIME 30→10 TO 15→30→10 TO 15 min UNDER 5 CYCLES.	1) CONTACT RESISTANCE: 30mΩ MAX. 2) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.	1) CONTACT RESISTANCE: 30mΩ MAX. 2) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
REMARKS					
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT NOTE 2:NO CONDENSING. NOTE 3: APPLY TO UNUSED PRODUCT ON PACKAGED CONDITION.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
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Unless otherwise specified, refer to IEC 60512.			APPROVED	SJ. OKAMURA	20210210
			CHECKED	SZ. ONO	20210210
			DESIGNED	TS. KUMAZAWA	20210210
			DRAWN	TS. KUMAZAWA	20210210
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-160993-00-00
HRS	SPECIFICATION SHEET		PART NO.	DF11-EP2428PCA	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL0543-0618-2-00	⚠ 1/1