APPLICA	BLE STAN	IDARD							
	OPERATING TEMPERATURE RANGE		-35°C TO +85°C (NO	IEI) RA	ANGE	TEMPERATURE	-10°C TO +60°C(NOTE3)	
RATING	OPERATING HUMIDITY RANGE		40% 10 80% (NOTE2) HUM1		TORAGE JMIDITY R		40% TO 70% (NO	40% TO 70% (NOTE3)	
	VOLTAGE		100 V AC (DC)		ONNECTOR	LICABLE NECTOR DF19 (G) -*S-1# (IOTE4)	
	CURRENT		AWG28: 1A/pin AWG30:0.9A/pin AWG32:0.8A/pin	1					
			SPEC	IFICATION	SNC				
ITEM		TEST METHOD				REQUIREMENTS			AT
CONSTRUCTION					1	T			
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCOF	ACCORDING TO DRAWING.			
MARKING		CONFIRMED VISUALLY.							
	IC CHARA								
CONTACT RESISTANCE		AC 20mV, 1mA (DC OR 1000 Hz).			30 mΩ	30 mΩ MAX.			
INSULATION	INSULATION RESISTANCE		100 V DC.			500 MΩ MIN.			
VOLTAGE PR	ROOF	300 V AC FOR 1 min.			NO FLA	NO FLASHOVER OR BREAKDOWN.			
MECHAN	VICAL CH	ARACTI	ERISTICS		L				ı
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.			2) NO [1) CONTACT RESISTANCE: 30 mΩ MAX. 2) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			_
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR 3 DIRECTIONS.			,	1) NO ELECTRICAL DISCONTINUITY OF 1 μs . 2) NO DAMAGE, CRACK OR LOOSENESS OF			_
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			3 PAI	RTS.		Х	_
ENVIRO	NMENTAL	CHAR	ACTERISTICS						ı
RAPID CHANGE OF TEMPERATURE			TEMPERATURE -55→5 TO 35→+85 →5 TO 35 °C			1) CONTACT RESISTANCE: 30 mΩ MAX.			
		TIME $30\rightarrow2$ TO 3 \rightarrow 30 $\rightarrow2$ TO 3 min UNDER 5 CYCLES.			,	2) INSULATION RESISTANCE: 500 MΩ MIN. 3) NO DAMAGE, CRACK OR LOOSENESS OF			
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.			PAI	RTS.		Х	_
RESISTANCE TO SOLDERING HEAT		(1) REFLOW SOLDERING «REFLOW AREA» MAX 250°C WITHIN 10 sec MIN 230°C WITHIN 60 sec «PREHEATING AREA» 170 °C TO 190 °C 60sec TO 120 sec PUT THROUGH IN REFLOW FUMACE TWICE. LEAVE IN AMBIENT TEMPERATURE AND HUMIDITY FOR 1 HOUR (2) MANUAL SOLDERING SOLDERING IRON TEMPERATURE 350±5 °C, FOR 5±1 sec. NO STRENGTH ON CONTACT.				FORMATION O	F CASE OF EXCESSIVE	X	
SOLDERABILITY		SOLDERING TEMPERATURE: 245°C DURATION OF IMMERSION: SOLDERING, FOR 5 sec			COVE	A NEW UNIFORM COATING OF SOLDER SHALL COVER MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.			-
NOTE2: NO C NOTE3: APPL OPER NOTE4:#=TE (C:CR	CONDENSING LY TO THE CON RATING TEMPE RMINATION ST RIMP SOCKET,F	IDITION OF RATURE AN YLE MARKII :FPC SOCK	E RISE BY CURRENT. LONGTERM STORAGE FOR U ID HUMIDITY RANGE IS APPLIE NG. ET,SD:SOCKET FOR FINE COA ON OF REVISIONS	ED FOR INTERII					CB,
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Unless otherwise specified, refer to IEC 60512.					HK. HAYASHI	20200313	
Offices otherwise specified, refer to IEC 60312.				DRAWN	DS. HIROWATARI	20200306	
Note Q	QT: Q	ualification Test AT: Assurance Test X:Applicable Test	DRAWING NO.		ELC-302813-52-00		
HS.	SPECIFICATION SHEET	PART NO.	DF19-**P-1V(52)				
		HIROSE ELECTRIC CO., LTD.	CODE NO		1 /1		