APPLICA	BLE STAN	DARD								
OPERATING TEMPERATUR		E RANGE	-45°C TO +125°C(NOTES 1) _{TEMI}			PERATURE RANGE		-10°C TO + 60°C (NOTE2)		
RATING	VOLTAGE		150V AC		APPLICABLE CONNECTOR		DF9#	DF9#-51P-1V (69)		
	CURRENT		0. 5A							
			SPECIF	ICATI	ONS					
IT	EM		TEST METHOD			REQ	UIREMENTS	S	QT	АТ
CONSTF	RUCTION	I.								
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				Х
MARKING		CONFIRMED VISUALLY.							Χ	Χ
ELECTR	IC CHARA	CTERIS	STICS		•					
CONTACT RESISTANCE		100m A (DC OR 1000 Hz).				50mΩ MAX.				_
INSULATION RESISTANCE		100V DC.			5	500MΩ MIN.				
VOLTAGE PROOF					NO FL	NO FLASHOVER OR BREAKDOWN.				_
MECHAN	NICAL CHA									
MECHANICAL OPERATION					② NO	 CONTACT RESISTANCE: 50mΩ MAX. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				-
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.			_	NO ELECTRICAL DISCONTINUITY OF 1µs. NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				_
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			0	ELECTRICAL DAMAGE, CRAC		NUITY OF 1µs.	Х	_
ENVIRO	NMENTAL	CHARA	ACTERISTICS							
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -65→ 5 TO 35→125→ 5 TO 35°C			① CON	① CONTACT RESISTANCE: 50mΩ MAX.				
		TIME 30→10 TO 15→ 30→10TO15min UNDER 5 CYCLES.			-	② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				_
DAMP HEAT		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.				① CONTACT RESISTANCE: 50mΩ MAX.				
(STEADY STATE)		274 6625711 16 2 2 6, 66 16 66 76, 66 11.			-	$\begin{tabular}{ll} \hline \end{tabular}$ INSULATION RESISTANCE: 500 M Ω MIN.				_
CORROSION SALT MIST		EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.				③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS. ① CONTACT RESISTANCE: 50 mΩ MAX.				
CONTRODICTO CALL MICH		EXT GOLD IN 378 GALT WATER OF TIME I GIT 40 II.			_	② NO HEAVY CORROSION.				_
SULPHUR DIOXIDE		EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD:JEIDA-39)			_	 CONTACT RESISTANCE: 50 mΩ MAX. NO HEAVY CORROSION. 				_
HEAT RESISTANCE OF SOLDERING		_			LOOSE	FORMATION C				
SOLDERABILITY		SOLDERING TEMPARATURE:245±5°C DURATION OF IMMERSION: SOLDERING FOR 3SECONDS			COV	A NEW UNIFORM COATING OF SOLDER SHALL COVER MINIMUM OF 95% OF THE SURFACE BEING IMMERSED.				
REMARKS					1 55"				<u> </u>	-
NOTE2:STO APPLY OPE OPERATION	RAGEIS DEFI RATION TEM N TEMPERATU	NED AS L PERATUF JRE FOR	TURE RISE BY CURRENT. ONG-TERM STORAGE OF UITER RE RANGE TO PRODUCTS MOTOPE-AND-REAL PRODUCTS, REFER TO JIS C 5402.	OUNTED (ON PCB W	ITHOUT PO	WER SUPLI	_Y.		
COUN			ON OF REVISIONS	DE	SIGNED		CHEC	KED	DA	TE
1		DIS-	H-00003087	YT	. TAKAGI		TS. MIYA	AZAKI	17. 0	9. 28
						APPROVE) MO. N	IAKAMURA	05.0	8. 31
						CHECKED	TS. N	IIYAZAKI	05.0	8. 31
						DESIGNED	YH. I	MICHIDA	05.0	8. 31

DRAWN

DRAWING NO.

PART NO.

CODE NO.

YH. MICHIDA

DF9C-51S-1V(69)

CL540-0246-0-69

ELC4-160985-09

05.08.31

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Note QT:Qualification Test AT:Assurance Test X:Applicable Test

SPECIFICATION SHEET

HIROSE ELECTRIC CO., LTD.