APPLICA	BLE STAN	DARD								
	OPERATING TEMPERATURE RANGE		-35°C TO +85 °C(N	NOTE 1)	STORAGE TEMPERA	FORAGE EMPERATURE RANGE		-10°C TO +60°C(N	IOTE	3)
RATING	OPERATING HUMIDITY RANGE		20 % TO 80 % (NC	OTE 2)	STORAGE HUMIDITY			40 % TO 70 %(NOTE 3		
	VOLTAGE		150 V AC		APPLICAE CONNECT			DF13-*S-1.2	5C	
	CURRENT		1 A	1 A		LICABLE CONTACT		DF13(G)-2630SC DF13-3032SCF		1
	1		SPEC	IFICA	TIONS	3				
	EM		TEST METHOD			F	REQU	IREMENTS	QT	AT
CONSTR										
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT. CONFIRMED VISUALLY.			ACC	ACCORDING TO DRAWING.				X
MARKING									X	X
	IC CHARA								X	
		100 m A (DC OR 1000 Hz).				30 mΩ MAX.				
INSULATION RESISTANCE		100 V DC.			500	500 MΩ MIN.				-
VOLTAGE PROOF		500 V AC FOR 1 min.			NO	NO FLASHOVER OR BREAKDOWN.				-
MECHAN	IICAL CHA	RACTI	ERISTICS							
MECHANICA	L OPERATION	50 TIMES INSERTIONS AND EXTRACTIONS.				 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 2 h, FOR 3 DIRECTIONS.			_	1 NO ELECTRICAL DISCONTINUITY OF 1µs. 2 NO DAMAGE, CRACK OR LOOSENESS OF				_
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				PARTS.			Х	_
ENVIRO	NMENTAL	CHAR	ACTERISTICS						· ·	
RAPID CHAN		TEMPERATURE -55 \rightarrow 5 TO 35 \rightarrow +85 \rightarrow 5 TO 35 °C ① CONTACT RESISTANCE: 30m Ω MAX.								
TEMPERATURE		TIME $30 \rightarrow 10 \text{ TO } 15 \rightarrow 30 \rightarrow 10 \text{ TO } 15 \text{ min.}$ UNDER 5 CYCLES.			_	② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				_
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.								_
RESISTANCE TO SOLDERING HEAT		1) REFLOW SOLDERING «REFLOW AREA» MAX250°C WITHIN 10 sec				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.				_
		MIN 230°C WITHIN 60 sec ≪PREHEATING AREA≫ 170°C to 190°C 60 sec to 120 sec PUT THROUGH IN REFLOW FURNACE TWICE, LEAVE IN AMBIENT TEMPERATURE AND HUMIDITY FOR 1 HOUR. 2) MANUAL SOLDERING SOLDERING IRON TEMPERATURE :350°C, SOLDERING TIME : 3sec.								
		NO STRENGTH ON CONTACT.								
		SOLDERED AT SOLDER TEMPERATURE,				SOLDER SHALL COVER A MINIMUM OF				_
245±5° REMARKS			±5°C FOR INSERTION DURATION, 3sec.			95 % OF THE SURFACE BEING IMMERSED.				
NOTE1: INCLU NOTE2: NO CO NOTE3: APPLY	ONDENSING. 'TO THE CONDI	ΓΙΟΝ OF LO	ING BY CURRENT. NG TERM STORAGE FOR UNUS DARD, OPERATING TEMPERA						AGE [DURING
TRANS	SPORTATION.				DESIGNEI	GNED CHECKED				ATE
\triangle					BEGIGINES			0.120.122		
Unless otherwise specified, refe			efer to IEC 60512.			APPROVED		HS.OKAWA	A 18.04	
						CHEC	KED	TS.FUKUSHIMA	18.0	04.05
						DESIG	NED	TS.KUMAZAWA	18.	04.05
						DRAWN		MK.INOUE	OUE 18.04	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DRAV	DRAWING NO.		ELC-083664-76-00		
нs	SI	SPECIFICATION SHEET			PART NC).	DF13-*P-1.25V(76)			
иО	HIR	HIROSE ELECTRIC CO., LTD.			CODE NO	D.	CL536			1/1