APPLICA	BLE STAN	DARD										
	OPERATING TEMPERATURE RANGE		$\boxed{3-55^{\circ}C}$ TO +85°C(NOTES 1) $\boxed{}$		`	DRAGE MPERATURE RANGE		-10°C TO +60°C				
RATING	VOLTAGE		A 50V 40			PPLICABLE CONNECTOR		DF40C-*DP-0. 4V (		(**)		
	CURRENT		【100 contacts or less】: 0.3A							` '		
			【120 contacts】: 0.25A									
					TIO	NIC						
		1	SPEC	IFICA	1110	INO				1		
ITEM		TEST METHOD					REQUIREMENTS			QT	AT	
CONSTRUCTION		Turous van paragraphic motoring				ACCORDING TO DRAWING.				1 1/	T 1/	
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.  CONFIRMED VISUALLY.				ACCORDING TO DRAWING.				X	X	
MARKING	10 01 14 D 4									Χ	Χ	
	IC CHARA					1000	MAY				1	
CONTACT RESISTANCE		20mV AC OR LESS 1khz,1m A .				90mΩ MAX.				Х	_	
INSULATION		100V DC.				50MΩ MIN.				Х		
RESISTANCE VOLTAGE PROOF		150\/ AC FOR 1 min A				NO FLASHOVER OR BREAKDOWN.				^		
VOLTAGE PROOF		150V AC FOR 1 min. 3				INO FLASHOVER OR BREARDOWN.				Х	_	
MECHAN	IICAL CHA	RACT	ERISTICS							•		
MECHANICAL OPERATION		30TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 90mΩ MAX.						
						② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				Х	_	
VIBRATION		FREQUENCY 10 TO 55 TO 10 Hz,APPROX 5min,			īmin.	① NO ELECTRICAL DISCONTINUITY OF 1 μs.						
		SINGLE AMPLITUDE 0.75 mm,10CYCLES, FOR 3 DIRECTIONS.			·····,		2) NO DAMAGE, CRACK OR LOOSENE				_	
						OF PARTS.						
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIN FOR 3 DIRECTIONS.			TIMES		NO ELECTRICAL DISCONTINUITY OF 1 μs.			X		
						② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				^	_	
FNVIRO	VMENTAL	CHAR	ACTERISTICS			<u> </u>					I	
RAPID CHANGE OF TEMPERATURE						① COI	NTACT RESI	STANCE: 90	OmΩ MAX.			
		TIME $30\rightarrow5$ MAX $\rightarrow$ $30\rightarrow5$ MAX min UNDER 5 CYCLES.			K min	② INS	ULATION RE	SISTANCE: 5	0MΩ MIN.	Х	_	
								CRACK OR LOOS	SENESS			
DAMP HEAT		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.				OF PARTS.  (Î) CONTACT RESISTANCE: 90mΩ MAX.						
(STEADY STATE)		EXPOSED AT 40 ± 2 C, 90 TO 95 %, 96 H.				② INSULATION RESISTANCE: $25M\Omega MIN$ .				1	_	
`	,					3 NO	DAMAGE, C	CRACK OR LOOS				
01    01    10	WOV/IDE	EVPOOR	'D IN 05 DDM 50D 001 0500	750/			PARTS.	0711105				
SULPHUR DIIOXIDE		EXPOSED IN 25 PPM FOR 96h,25°C,75%.			<ol> <li>CONTACT RESISTANCE: 180mΩ MAX.</li> <li>NO DAMAGE, CRACK OR LOOSENESS</li> </ol>				X	_		
						OF PARTS.						
SOLDERING SOL			RECOMMENDED TEMPERATURE PROFILE			NO DEFORMATION OF CASE OF				Х		
		MAX 250°C, 220°C FOR 60 SECONDS MAX.				EXCESSIVE LOOSENESS OF THE TERMINASL.				^	_	
			TING AREA	DO WAX.			111200 01 1	TIE TERMINATOE	•			
			80°C 90 TO 120SECONDS	-								
		MAXIMUM TWICE ACTION IS ALLOWED UNDER THE SAME CONDITION. RECOMMENDED MANUAL SOLDERING										
		CONDITION SOLDERING IRON TEMPERATURE 350°C.										
			ING IRON TEMPERATURE ING TIME: WIHTIN 3 SECC									
SOLDERAB	ILITY		ING TEMPERATURE: 245±			A NEW	UNIFORM	COATING OF SC	DLDER	+		
COUNT		DURATION OF IMMERSION: SOLDERING FO ±0.5 SECONDS.			OR 3	SHALL	COVER MII	COVER MINIMUM OF 95% OF THE CE BEING IMMERSED.		X	-	
							ACE BEING			<u> </u>		
COUN	I DE				DESIC	_		CHECKED			DATE	
3 DIS-			-H-00019849 RT. SH							20240228		
NOTE1: INCLUDE THE TEMPERATURE			RE RISING BY CURRENT			APPROVED				201108		
							CHECKED			+	0803	
Unless otherwise specified, refer			er to JIS C 5402.				DESIGNED	111. 1112 011			0803	
						DRAWN		YH. MICH	l .			
Note QT:Qualification Test AT:Assurance Test X:Applicable Test DF						RAWING NO. ELC-311352-5			51–51			
HS.	SPECIFICATION SHEET				PART NO.		DF40C-*DS-0. 4V (51)					
	HIR	HIROSE ELECTRIC CO., LTD.			CODE		NO. CL684			◬	1/1	