APPLICA	BLE STAN	DARD								
	OPERATING TEMPERATURE RANGE OPERATING HUMIDITY RANGE		-35°C ТО + 85°C (NOTE 1) темі 20 % ТО 80 %(NOTE2) sтол ном			IPERATURE RANGE		-10°C TO + 60°C (NOTE3)		
RATING					STORAGE HUMIDITY I		40 % TO 70 % (NOTE3)			
	VOLTAGE		AC/DC 100V		APPLICABL CONNECTO			DF50#-50DS-	I C	
	CURRENT		AWG 28 : 1.0		APPLICAE CONTACT			DF50-2830SCI	SCFA	
			AWG 30 : 0.9		CONTACT	TACT				
			AWG 32 : 0.7		TIONIO					
		_		JIFICA	TIONS					
	EM		TEST METHOD			F	REQUI	REMENTS	QT	A
GENERAL EX	RUCTION	VISUALLY AND BY MEASURING INSTRUMENT.			ACCO	ACCORDING TO DRAWING.			X	X
MARKING		CONFIRMED VISUALLY.				-				+
ELECTR	IC CHARA	CTERIS	STICS		<u> </u>				<u> </u>	
			MAX 1mA (DC OR 1000 I	Hz).	<b>30m</b> Ω	MAX.			Ιχ	Γ_
INSULATION	N	100V DC.			500M	500MΩ MIN.				
RESISTANC					NO FI	NO FLASHOVER OR BREAKDOWN.				<u> </u>
VOLTAGE P	KUUF	300V AC FOR 1 min.			INO FL	ASHOVEF	K OR E	SKEAKDOWN.	X	-
MECHAN	NICAL CHA	RACTE	RISTICS		ı				1	1
INSERTION	FORCE	TESTING BY APPLICABLE CONNECTOR				INSERTION FORCE: 60.0 N MAX.				
WITHDRAW								CE: 6.6 N MIN.	X	-
MECHANICAL OPERATION		30TIMES INSERTIONS AND EXTRACTIONS.			2 N	<ol> <li>CONTACT RESISTANCE: 50mΩ MAX.</li> <li>NO DAMAGE, CRACK OR LOOSENESS OF PARTS.</li> </ol>			X	_
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE				① NO ELECTRICAL DISCONTINUITY OF 1μs.				$\vdash$
		0.75 mm, AT 10 CYCLE FOR EACH, FOR 3 DIRECTIONS.					E, CRA	ACK OR LOOSENESS	X	-
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms				PARTS.				
			ES FOR 3 DIRECTIONS.							
			ACTERISTICS							
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			2 IN 3 NO	① CONTACT RESISTANCE: 50mΩ MAX. ② INSULATION RESISTANCE: 100MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				_
RAPID CHANGE OF		TEMPERATURE -55→+85°C				① CONTACT RESISTANCE: 50mΩ MAX.				
TEMPERATURE		TIME $30 \rightarrow 30 \text{min.}$ UNDER 5 CYCLES. THE TRANSFERRING TIME OF THE TANK IS $2 \sim 3 \text{ min.}$			3 NO	② INSULATION RESISTANCE: 500MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	_
COUN	T D	ESCRIPTIO	ON OF REVISIONS	[	DESIGNED			CHECKED	D/	ATE
<u> </u>				<u> </u>		APPRO	/FD	KI. AKIYAMA	12 /	05. 3
						CHECK		HK, UMEHARA	<del>                                     </del>	05. 3 05. 3
						DESIGNE		TT. OHSAKO	12.05	
						DESIGN	-	TT. OHSAKO	+	05. 3 05. 3
Note QT:Qualification Test AT:Assurance Test X:Applicable Test						ELC4-33023		JJ. 3		
		SPECIFICATION SHEET			PART NO.	DEE0 5000 41/4		F50-50DP-1V (52)		
<b>HS</b>						CI.			Δ	1/2
FORM HD0011-2-1		OSE ELECTRIC CO., LTD. CODE			ODE NO.	DE NO.   CL665-0011-1-52   2				1/2

	SPECIFICATION	DNS		
ITEM	TEST METHOD	REQUIREMENTS	QT	АТ
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 245°C FOR INSERTION DURATION, 5 sec.	SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	Х	_
RESISTANCE TO SOLDERING HEAT	1) REFLOW SOLDERING  «REFLOW AREA»  MAX250°C WITHIN 10 sec  MIN 220°C WITHIN 60 sec  «PREHEATING AREA»  150~180°C 90~120s  2) MANUAL SOLDERING  SOLDERING IPON TEMPERRATURE 350±10°C  SOLDERING TIME 3~4s.  NO STRENGTH ON CONTACT.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	X	_

## REMARKS

NOTE 1: INCLUDING THE TEMPERATURE RISE BY CURRENT.

NOTE 2: NON-CONDENSING

NOTE 3: APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD.

AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION

Unless otherwise specified , refer to JIS C 5402.

Note QT:C	Qualification Test AT:Assurance Test X:Applicable Test	DRAWIN	IG NO.	ELC4-330237-02			
HRS	SPECIFICATION SHEET	PART NO. DF50-50DP-1V (52)			(2)	)	
	HIROSE ELECTRIC CO., LTD.	CODE NO	CL665	5-0011-1-52	Δ	2/2	