APPLICA	BLE STAN	DARD			0700107					
	OPERATING TEMPERATURE RANGE		-35 °C TO +85 °C(NOTE1)		STORAGE TEMPERA		GE	−10 °C TO +60 °C(I	NOTE3)
RATING	OPERATING HUMIDITY RANGE		40% TO 80% (No		STORAGE	-		40% TO 70% (NOTE3)		
	VOLTAGE		250 V AC		APPLICAB CONNECT			DF1E-*S-2.50	;	
			AWG20 TO 24: 3A			VOLTAGE				
	CURRENT		AWG26∶ 2A			10211102	-	AC 30V AWG20 TO 22: 3	٨	
			AWG28: 1A		UL, CSA	CURREN	г	AWG24 TO 28: 1		
		AWG30: 0.5A						AWG30: 0.5A		
			SPECI	FICAT	IONS				1	
			TEST METHOD			ŀ	REQU	IREMENTS	QT	AT
		VISUALL	Y AND BY MEASURING INS	TRUMEN	T. ACC	ORDING 1		AWING.	X	X
MARKING		CONFIRMED VISUALLY.								X
ELECTRIC CHARA									Х	
CONTACT RESISTANCE		20 mV MAX, 1 mA(DC OR 1000 Hz). 30 mΩ MAX.							X	
MILLIVOLT LEVEL METHOD.		500 V DC								
RESISTANCE		500 V DC.			1000	1000 MΩ MIN.				-
VOLTAGE PROOF		650 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				_
MECHAN	ICAL CHA	RACTE	RISTICS		I				X	1
MECHANICAL		30TIMES INSERTIONS AND EXTRACTIONS.				ONTACT	RESIS	TANCE: 30 mΩ MAX.		
OPERATION						② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				-
VIBRATION						 NO ELECTRICAL DISCONTINUITY OF 1 μs. NO DAMAGE, CRACK OR LOOSENESS 				_
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES				OF PARTS.			X	\uparrow
ENVIRONMENTAL		FOR 3 DIRECTIONS.						Х	-	
ENVIROI RAPID CHA				→ 5 T∩ º	5°C A		DECK			
TEMPERATURE		TEMPERATURE -55 \rightarrow 5 TO 35 \rightarrow +85 \rightarrow 5 TO 35 $^{\circ}$ CTIME30 \rightarrow 5 MAX \rightarrow 30 \rightarrow 5 MAXUNDER 5 CYCLES.							Х	-
						③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			-			STANCE: 30 mΩ MAX.	X	
						 INSULATION RESISTANCE: 500 MΩ MIN. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				-
RESISTANCE TO SOLDERING HEAT		1) AUTOMATIC SOLDERING (FLOW)			= 1/0					
		SOLDER TEMPERATURE, 260 °C FOR IMMERSION,DURATION, 10 sec. 2) MANUAL SOLDERING				EXCESSIVE LOOSENESS OF THE TERMINALS.				-
				E:300 °C	Э,					
		SOLDERING TIME : 3 sec. NO STRENGTH ON CONTACT.								
SOLDERABILITY		SOLDER	OLDERED AT SOLDER TEMPERATURE,			SOLDER SHALL COVER A MINIMUM OF				
REMARKS		235 °C FC	235 °C FOR INSERTION DURATION, 5 s.			95 % OF THE SURFACE BEING IMMERSED X				-
		ERATURE F	RISING BY CURRENT.							
NOTE2:NO CO			ONG TERM STORAGE FOR UN							
BEFO	RE PCB ON BOA	RD. AFTE	R PCB BOARD, OPERATING TE	MPERATU	RE AND					
								011501755	_	
	I DE	SCRIPTIC	ON OF REVISIONS	0	DESIGNED			CHECKED	DA	ATE
Unless otherwise specified, refer to			to IEC 60512.			APPROVED		KI.AKIYAMA	15.05.2	
	. ,					CHEC		TS. FUKUSHIMA		05.29 05.29
						DESIG		TS. KUMAZAWA	-	05.29
						DRAWN		MI. SAKIMURA	15.05.28	
Note QT:Q	ualification Test AT:Assurance Test X:Applicable Test			DRAW	ING NO.		ELC-161951-35-00			
HRS	SF	SPECIFICATION SHEET			PART NO		DF1E-*P-2. 5DS (35)			
		OSE ELECTRIC CO., LTD.			ODE NO		CL541		⋒	1/1
OPM HDOO11.	· · ·									·

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