APPLICAI	BLE STAN	DARD									
OPERATING		D7 11 12				ORAGE				_	
	TEMPERATURE RANGE		-55 °C TO 85 °C (1)				URE RAN		-10 °C TO 60 °	°C (2)	
RATING	VOLTAGE		100 V AC		RA	STORAGE H			40 % TO 70	% (2	2)
	CURRENT		0.5 A (SIGNAL CONTACT) (3)			PERATING NGE	NG HUMIDITY		RELATIVE HUMIDITY	85%	max
			3 A (MF CONTAC			(NOT DEWED)					
			·	IFICA	TION	IS			· · · · · · · · · · · · · · · · · · ·		
IT	EM	Τ	TEST METHOD				RF	OUII	REMENTS	ОТ	AT
CONSTRU		1				1					17.11
GENERAL E	XAMINATION	VISUALL	Y AND BY MEASURING IN	STRUMEN	NT.	ACCOF	RDING TO	DR/	AWING.	×	×
MARKING		CONFIRMED VISUALLY.								×	×
	CHARAC										
CONTACT RESISTANCE		100 mA(DC OR 1000Hz)				SIGNAL CONTACT : $90 \text{ m}\Omega \text{ MAX}$. MF CONTACT : $30 \text{ m}\Omega \text{ MAX}$.				×	-
INSULATION RESISTANCE						1000 MΩ MIN.				×	_
VOLTAGE PROOF		300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.					-
	CAL CHAR					T				Ι×	
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE: 60 N MAX. WITHDRAWAL FORCE: 6 N MIN.					-
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.			S.	CONTACT RESISTANCE: SIGNAL CONTACT : 100 m Ω MAX. MF CONTACT : 40 m Ω MAX. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				×	-
VIBRATION		FREQUENCY 10 TO 55 TO 10Hz, APPROX 5min SINGLE AMPLITUDE : 0.75 mm, 10 CYCLES				① NO ELECTRICAL DISCONTINUITY OF				×	-
		1	DIRECTIONS.	JICLLS		1 μs		CR	ACK AND LOOSENESS		
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms				OF PARTS.				×	-
			TIMES FOR 3 DIRECT	IONS.							
			TERISTICS								
DAMP HEAT		EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h.				① CONTACT RESISTANCE:				×	-
(STEADY ST RAPID CHAN	· · · · · · · · · · · · · · · · · · ·					1	NAL CON CONTAC		Γ : 100 m Ω MAX. : 40 m Ω MAX.		
TEMPERATU		TEMPERATURE $-55 \rightarrow +85$ °C TIME 30 \rightarrow 30 min. UNDER 5 CYCLES. (RELOCATION TIME TO CHAMBER:WITHIN 2~3 MIN)				② INSULATION RESISTANCE :1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				×	_
SULFUR DIC	XIDE	EXPOSED AT 25±2°C, 75±5%RH, 25 PPM FOR 96 h.				NO HEAVY CORROSION.				×	_
RESISTANC	T TO	(TEST STANDARD: JIS C 60068)				NO DE		IONI (NE CASE OF	L	
SOLDERING		1)REFLOW SOLDERING: PEAK TMP: 260°CMAX REFLOW TMP: 220°CMIN FOR 60sec 2) SOLDERING IRONS: 360°C MAX, FOR 5 sec.				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINAL.				×	
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE 240±3°C FOR IMMERSION DURATION, 3 sec				A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.			×	_	
COUN	T D	 ESCRIPTION	ON OF REVISIONS		DESIG	NED			CHECKED D		TE
<u> </u>											
REMARKS (1) INCLUDE TEMPERATURE (2) "STORAGE" MEANS A LON			RISE CAUSED BY CURRENT-CARRYING. NG-TERM STORAGE STATE				APPROV	\rightarrow	HS. OKAWA		9. 29
	FOR THE UNU	SED PRODUCT BEFORE ASSEMBLY TO PCB.					CHECK	-	KI. HIROKAWA		9. 29
			NT APPLIES TO PER CONTACT.				DESIGNED		TH. SANO	11. 09. 29	
			to JIS-C-5402.			DRAW		N	TH. SANO	11. 09. 29	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test						RAWING NO.			ELC4-159084	-00	
HS.		SPECIFICATION SHEET			PART NO.		FX18-100S-0. 8SH				
		ROSE ELECTRIC CO., LTD.			CODE NO.		CL579-0012-9-00				1/1
EODM UDOO11 2 1											