APPLICAI	BLE STAN	DARD									
/ (OPERATING	<i></i>			STO	ORAGE					
	TEMPERATURE RANGE		-55 °C TO 85 °C (1)			MPERAT			-10 °C TO 60 °	C (2)	
RATING	VOLTAGE				RA	TORAGE HUMIDITY ANGE			40 % TO 70 % [©]		
	CURRENT		0.5 A (SIGNAL CONTACT) (3)			ERATING NGE	G HUMIDITY		RELATIVE HUMIDITY	85% r	nax
			3 A (MF CONTACT)			(NOT DEWED)					
		SPECIFICATIONS									
ıT		1	TEST METHOD		11011			-	DEMENTO	ОТ	AT
ITEM CONSTRUCTION		TEST METHOD				REQUIREMENTS QT /					^
		IVISUALI	Y AND BY MEASURING INS	STRUMEN	JT	ACCOF	RDING T	O DR	AWING	×	×
MARKING		CONFIRMED VISUALLY.				,				×	×
ELECTRIC	CHARAC	TERISTI	CS								
CONTACT RESISTANCE		100 mA(DC OR 1000Hz)				SIGNAL CONTACT : 90 mΩ MAX. MF CONTACT : 30 mΩ MAX.				×	_
INSULATION RESISTANCE		250 V DC.				1000 MΩ MIN.				×	_
VOLTAGE PROOF		300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				×	_
MECHANICAL CHAR										<u> </u>	
INSERTION AND		MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE: 80 N MAX.					_
WITHDRAWAL FORCES						WITHDRAWAL FORCE: 8 N MIN.					
MECHANICA		500 TIMES INSERTIONS AND EXTRACTIONS.				1	ONTACT RESISTANCE:			×	_
OPERATION							SIGNAL CONTACT : 100 mΩ MAX.				
						MF CONTACT : $40 \text{ m}\Omega$ MAX. ② NO DAMAGE, CRACK AND LOOSENESS					
						ı	PARTS.	_, _,	LOGOLINEOU		
VIBRATION			FREQUENCY 10 TO 55 TO 10Hz, APPROX 5min				ELECTF	RICAL	DISCONTINUITY OF	×	_
		SINGLE AMPLITUDE : 0.75 mm, 10 CYCLES				1 μs.					
SHOCK		FOR 3 DIRECTIONS.				② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				×	_
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				051	PARIS.			^	
FNVIRON	MENTAL C		TERISTICS			l				<u> </u>	
DAMP HEAT			DAT 40±2 °C, 90 ~ 9	5 %. 96	h.	① COI	NTACT F	RESIS	TANCE:	×	_
(STEADY ST	ATE)	,							T : 100 m Ω MAX.		
RAPID CHAI		TEMPERATURE -55 → +85 °C			MF CONTACT : 40 mΩ MAX. ② INSULATION RESISTANCE				×	_	
TEMPERATU	JRE	TIME 30 → 30 min. UNDER 5 CYCLES. (RELOCATION TIME TO CHAMBER:WITHIN 2~3 MIN)									
						③ NO	DAMAC	E CR	:1000 M Ω MIN. ACK AND LOOSENESS		
		(RELOCATION TIME TO CHAMBER.WITHIN 2~3 MIN)				OF PARTS.					
SULFUR DIC	XIDE						NO HEAVY CORROSION.				_
		96 h. (TEST STANDARD: JIS C 60068)									
RESISTANC	E TO	1)REFLOW SOLDERING :				NO DEFORMATION OF CASE OF				×	_
SOLDERING	HEAT	PEAK TMP: 260°CMAX				EXCESSIVE LOOSENESS OF THE					
OOL DEDARKITY		REFLOW TMP: 220°CMIN FOR 60sec				TERMINAL.					
		2) SOLDERING IRONS : 360°C MAX. FOR 5 sec.				A NEW UNIFORM COATING OF SOLDER					
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE 240±3°C FOR IMMERSION DURATION, 3 sec.							IMUM OF 95 % OF THE	×	_
		2.10_0 0 1 011 IMMULITORIA BOTTATION, 0 360.				SURFACE BEING IMM					
		+									
COUN	т	ESCRIPTION	ON OF REVISIONS		DESIG	NED	CHECKED		DATE		
∕0∖											
			RISE CAUSED BY CURRENT-CAF				APPROVED		HS. OKAWA	13. 03. 2	
'		ANS A LONG-TERM STORAGE STATE SED PRODUCT BEFORE ASSEMBLY TO PCB.				CHECKED		KED	KI. HIROKAWA	13. 03. 27	
,	⁽³⁾ THE RATED C	URRENT API	RRENT APPLIES TO PER CONTACT.				DESIG	NED	TH. SANO	13. 03. 27	
Unless oth			n all the contacts are used for current carrying d, refer to JIS-C-5402.			DRAWN		VN	TH. SANO	13. 03. 27	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DF	DRAWING NO.			ELC4-349392-00		
HS.	S	SPECIFICATION SHEET			PART NO.		FX18-140S-0. 8SV10				
11/2		HIROSE ELECTRIC CO., LTD.			CODE			_579	-0060-1-00 <u>/</u> c		1/1
FORM HDOO11-					JUDE NO.		220,0 0000 1 00 701				