APPLICAI	BLE STAN	DARD										
7 (1 1 2107 (1	OPERATING	<i>5,</i> (, ( <i>b</i>			ST	ORAGE						
	TEMPERATURE RANGE		-55 °C TO 85 °C (1)			MPERAT			-10 °C TO 60 °	C (2)		
RATING	VOLTAGE		100 V AC			ORAGE H ANGE	HUMIDITY		40 % TO 70	40 % TO 70 % <sup>(2)</sup>		
	CURRENT		0.5 A (SIGNAL CONTACT) (3)			OPERATING HU		TY	RELATIVE HUMIDITY	85% ı	max	
			3 A (MF CONTACT)						(NOT DEWED)			
			SPECIFICATIONS									
		1				13		<u> </u>	SEMENTO			
CONSTRU	EM		TEST METHOD				KE	QUI	REMENTS	QΙ	AT	
		MELIALI	V AND BY MEASURING ING	TDIIME	NT	IACCOE	DING TO		WING	×	×	
MARKING		VISUALLY AND BY MEASURING INSTRUMENT.  CONFIRMED VISUALLY.				1	CDING I	ט טוער	WING.	├ <del>`</del>	×	
	CHARAC <sup>1</sup>					L						
CONTACT R			mA(DC OR 1000Hz)			SIGNAL	CONTA	CT	90 m Ω MAX	×	_	
		,				MF CONTACT : 30 m Ω MAX. 1						
INSULATION RESISTANCE						1000 M Ω MIN.				×	_	
VOLTAGE PROOF		300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				×	_	
	CAL CHAR											
INSERTION AND		MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE: 70 N MAX.				×	_	
WITHDRAWAL FORCES MECHANICAL		500 TIMES INSERTIONS AND EXTRACTIONS.				WITHDRAWAL FORCE: 7 N MIN.  ① CONTACT RESISTANCE:				×		
OPERATION		300 TIMES INSERTIONS AND EXTRACTIONS.				1 -	SIGNAL CONTACT : $100 \text{ m}\Omega \text{ MAX}$ .  MF CONTACT : $40 \text{ m}\Omega \text{ MAX}$ .					
						1						
						② NO DAMAGE, CRACK AND LOOSENESS						
						OF PARTS.						
VIBRATION		FREQUENCY 10 TO 55 TO 10Hz, APPROX 5min SINGLE AMPLITUDE : 0.75 mm, 10 CYCLES				~		ICAL I	DISCONTINUITY OF	×	_	
		FOR 3 DIRECTIONS.				1 μs. ② NO DAMAGE, CRACK AND LOOSENESS						
SHOCK		490 m/s <sup>2</sup> , DURATION OF PULSE 11 ms					PARTS.	_, 010	ACITAIND ECOCEMECO	×	_	
		1	TIMES FOR 3 DIRECT									
ENVIRON	MENTAL C	HARAC	TERISTICS									
DAMP HEAT		EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h.				1	NTACT R			×	_	
(STEADY ST						SIGNAL CONTACT : $100 \text{ m}\Omega$ MAX.  MF CONTACT : $40 \text{ m}\Omega$ MAX.						
RAPID CHAN TEMPERATU		TEMPERATURE -55 → +85 °C  TIME 30 → 30 min.  UNDER 5 CYCLES.  (RELOCATION TIME TO CHAMBER: WITHIN 2~3 MIN)							: 40 m \( MAX. \( \text{LL} \) ISTANCE	×	_	
ILIVIELIXATO							SLATION	INLO	:1000 MΩ MIN.			
						3 NO	③ NO DAMAGE, CRACK AND LOOSENESS					
		,				OF PARTS.						
SULFUR DIC	XIDE					NO HEAVY CORROSION.				×	_	
		96 h. (TEST STANDARD: JIS C 60068)										
RESISTANCE TO		1)REFLOW SOLDERING:				NO DEFORMATION OF CASE OF					_	
SOLDERING	HEAT	PEAK TMP: 260°CMAX				EXCESSIVE LOOSENESS OF THE						
		REFLOW TMP: 220°CMIN FOR 60sec				TERMINAL.						
001 DED 4 DI	LT\/	L '	RING IRONS : 360°C MAX.		ec.				TINIO OF OOLDED			
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				×	_	
		240±3 C T OK INNINERSION DORATION, 3 Sec.			<b>.</b>	SURFACE BEING IMMERSED.						
COUN	T D	ESCRIPTION	ON OF REVISIONS		DESIG	SNED	CHECKED		CHECKED	DATE		
<u> </u>			-F-004173		TH. S						09. 09. 15	
REMARKS	1) INCLUDE TEMP		E RISE CAUSED BY CURRENT-CARRYING.				APPRO\	PPROVED HS. OKAWA			4. 28	
<sup>(2)</sup> "STORAGE" MEANS A			S A LONG-TERM STORAGE STATE			CHECKED			HS. OZAWA	09. 04. 28		
			ED PRODUCT BEFORE ASSEMBLY TO PCB. RENT APPLIES TO PER CONTACT.			DESIGN		1ED	KI. HIROKAWA	09. 04. 28		
			N ALL THE CONTACTS ARE USED FOR CURRENT CARRYING							09. 04. 28		
Unless otherwise specified, re								/IN			4. Zŏ	
	ıalıtıcation Tes ⊤	t AT:Assurance Test X:Applicable Test			DI	RAWING NO.			ELC4-159085-	-00		
HS		SPECIFICATION SHEET			PART NO.			FX18-120S-0. 8SH				
		HIROSE ELECTRIC CO., LTD.			CODE	E NO.	10. CL579-001		-0013-1-00	1	1/1	
FORM HDOO11_	0.1											