J ul.1.2023 Copyright 2023 HIROSE ELECTRIC CO., LTD. All Rights Reserved. In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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111	CL578-0046-4-71	CL578	CODE NO.	ELECTRIC CO., LTD.	HIROSE E	
	FX8-120P-SV1 (71)	- F	PART NO.	SPECIFICATION SHEET	SPECIF	5
25	ELC4-150572-2	IG NO.	DRAWING NO	AT:Assurance Test X:Applicable Test	QT:Qualification Test AT:As	Note Q1
05.10.01	TK.YANAGISAWA C	DRAWN		refer to JIS C 5402.	Unless otherwise specified, refer to JIS	Unless
05.10.01	TK.YANAGISAWA C	DESIGNED		מייים ביי לואר ווור מלאואס שוליסואו רמי		
05.10.05	HS.OZAWA C	CHECKED		© THIS STORAGE INDICATES A LONG-TERM STORAGE STATE	EOR THE LINI ISED BRO	
05.10.06	HS.OKAWA C	APPROVED		REMARK (") TEMPERATURE RISE INCLUDED WHEN ENERGIZED.	 K (() TEMPERATURE RISE	REMAR
DATE	CHECKED		DESIGNED	DESCRIPTION OF REVISIONS	COUNT DESCRIP	≥ 8
>	SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	COVER A M	SHALL THE SI	240°C, FOR IMMERSION DURATION, 3 sec.		0
<	A NEW LINIEOBM COATING OF SOLDER	MECOM	A NITIN	SOLDERING TIME: 5 Sec MAX		SOI DEBABII ITV
×				SOLDERING IRON TEMPRATURE: 360°C	SOLE	
		NALS.	TERMINALS	220°C MIN. FOR 60 sec.		
×	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE	NO DEFORMATION OF CASE EXCESSIVE LOOSENESS OF	NO DE	0	TO HEAT	RESISTANCE SOLDERING H
×				EXPOSED IN 3 PPM FOR 96 hrs. (TEST STANDARD: JEIDA 38)	HYDROGEN SULPHIDE EXPOSED (TEST STA	HYDROG
×	① CONTACT RESISTANCE: 55 mΩ MAX.② NO HEAVY CORROSION.	CONTACT RESISTANCE NO HEAVY CORROSION		IN 5 % SALT WAT		CORROS
×	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	NO DAMAGE, CI OF PARTS.		TIME $30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3$ min 5 CYCLES.	Ç	TEMPERATURE
×	CONTACT RESISTANCE: 55 mΩ MAX. INSULATION RESISTANCE:100 MΩ MIN.	NTACT RESI	0 0	40±2°C, 90 ~	ATE)	DAMP HEAT (STEADY STATE)
				CHARACTERISTICS	ENVIRONMENTAL CHARA	ENVIR
×	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	NO DAMAGE, CI OF PARTS.		$/s^2$, DURATION OF PULSE 11 ms 3 TIMES IN 3 DIRECTIONS.	490 m/s ² , FOR 3	SHOCK
	LUS. CONTACT RESISTANCE: 55 mΩ MAX.	NTACT RESI	1 μs. ② col	AMPLITUDE : 1.5 mm, 2 hrs IN 3 DIRECTIONS.		
×	① NO ELECTRICAL DISCONTINUITY OF	ELECTRICA	⊝ NO :	FREQUENCY 10 TO 55 Hz,		VIBRATION
×	CONTACT RESISTANCE: 55 mΩ MAX. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	CONTACT RESI NO DAMAGE, CI OF PARTS.	⊗ ⊖	50 TIMES INSERTIONS AND EXTRACTIONS	Ė	MECHANICAL OPERATION
-	_		-	RISTICS	CHARA	MECHANICAL
×	NO FLASHOVER OR BREAKDOWN.	ASHOVER OF	NO FL	300 V AC FOR 1 min.	OOF	VOLTAGI
×	100 M Ω MIN.	100		DC	ION 250 V DC	RESISTANCE
					TLEVEL	MILLIVOLT LEVEL
× >	55 m \(MAX.	55 5		MAX, 1 mA(DC OR 1000Hz)	ANCE	CONTAC
< I	MAY	15		ERISTICS	CONTACT RESISTANCE 100 ma (DC	ELECTI
×				CONFIRMED VISUALLY.		MARKING
×	RAWING.	ACCORDING TO DRAWING		LLY AND BY MEASURING INSTRUN	EXAMINATION	GENERAL
QT AT	REQUIREMENTS (REQU		TEST METHOD	ITEM	
			SNOIT	SPECIFICATIONS		
	40 % TO 70 % ⁽²⁾	JMIDITY	STORAGE HUMIDITY RANGE	0.4 A	CURRENT	
	40 % TO 80 %	HUMIDITY	RANGE HUMIDITY	100 V AC		RATING
(2)	-10 °C TO 60 °C	RE RANGE	TEMPERATURE RANGE	-55 °C TO 85 °C (1)	TEMPERATURE RANGE	
					APPLICABLE STANDARD	APPLIC