APPLICABLE STAN			55 0C TO 05 0C	(1) (2)	GE		40.00 TO 00.00	.3)			
	TEMPERATURE RANGE OPERATING HUMIDITY RANGE VOLTAGE		-55 °C TO 85 °C (1) (2)		TEMPERATURE STORAGE HUN			-10 °C TO 60 °C ⁽³⁾			
RATING					RANGE			RH 70 % MAX ^{(3) (4)}			
			60 V AC (5) CURF		CURR	ENT	NT 0.5A (5)				
	APPLICABLE CA	ABLE	FFC ⁽⁶⁾								
			SPEC	IFICA	TION	S					
IT	EM		TEST METHOD	١			REQU	IREMENTS	QT	АТ	
CONSTRI	UCTION										
	XAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.			NT.	ACCORDING TO DRAWING.			×	×	
MARKING	2 0114 D 4 0		MED VISUALLY.						×	×	
	C CHARACT	20 mV I		100H2)			80 mΩ MA	v (7)	×	_	
CONTACT RESISTANCE		20 mV MAX, 1 mA(DO ON 1000112)			OUTHS2 IVIAX.						
INSULATION		100 V DC.			500 MΩ MIN.			×			
RESISTANCE VOLTAGE PROOF		200 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.			 ×	┢	
	ICAL CHAR					110 1 2	TOTTO VERY OF	TOTAL MOOVIN.	<u> </u>		
INSERTION			RED BY APPLICABLE CONN	IECTOR.		INSER	TION FORCE	: 25.5 N MAX.	T ×		
WITHDRAW	AL FORCES					WITHDRAWAL FORCE: 2.55 N MIN.					
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE:			×			
OPERATION	I					NO VARIATION OF 20 mΩ OR MORE FROM INITIAL VALUE. ② NO DAMAGE, CRACK AND LOOSENESS					
						OF PARTS.					
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGL AMPLITUDE : 0.75 mm,				① NO ELECTRICAL DISCONTINUITY OF			×		
		AT 2 h FOR 3 DIRECTION.				1 μs 2 NO		RACK AND LOOSENESS			
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms				OF PARTS.			×		
		AT 3 TIMES FOR 3 DIRECTIONS.									
LOCK STRENGTH		MATE TO APPLICABLE CONNECTOR AND APPLY PULL FORCE HORIZONTALLY.				30 N MIN.			×		
FFC RETENTION FORCE		ASSEMBLE APPLICABLE FFC AND PULL HORIZONTALLY WITH 10mm/min IN MATING DIRECTION.				10 N MIN. ⁽⁶⁾			×		
ENVIRON	IMENTAL C	HARAC	TERISTICS								
DAMP HEAT		EXPOSE	DAT 40±2°C, 90 ~ 99	5 %, 96	h.	_	NTACT RESI		×		
(STEADY STATE)		EVENOTED AT LOS AS A SOL			NO VARIATION OF 20 mΩ OR MORE FROM INITIAL VALUE.						
DRY HEAT		EXPOSED AT 85±2 °C, 96 h			, , , , , , , , , , , , , , , , , , ,	-2 INSULATION RESISTANCE: 500 M Ω MIN.					
RAPID CHANGE OF TEMPERATURE		TEMPERATURE $-55 \rightarrow +5 \sim +35 \rightarrow +85 \rightarrow +5 \sim +35 \circ c$ TIME $30 \rightarrow 5 \text{ MAX} \rightarrow 30 \rightarrow 5 \text{ MAX min.}$ UNDER 5 CYCLES.				③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			① CONTACT RESISTANCE:			×			
SULFUR DIOXIDE		EXPOSED IN 25 PPM FOR 96 h.				NO VARIATION OF 20 m Ω OR MORE					
		(TEST STANDARD: JIS C 60068)				FROM INITIAL VALUE. ② NO DEFECT SUCH AS CORROSION WHICH IMPAIRS THE FUNCTION OF CONNECTOR.					
00111	. .	-005/5=	ON OF BELIEVE		DECIS	NED		OHEOKED		<u></u>	
COUN	NI DE	_SCRIPTI	ON OF REVISIONS		DESIG	NED		CHECKED	DA	1E	
	ISE CAUSED BY CURRENT-CARRYII				APPROVED	ED HS. OKAWA		1 24			
(2) OPERATING TEMPERATURE SHOULD BE -55 TO 40 °C WHEN HUMIDITY EXCEEDS 80% (3) THE SPECIFICATION IS APPLIED TO THE PRE-ASSEMBLED COMPONENT AND THE CAB							AFFROVED	TIS, UNAWA	09. 11. 24		
(4)	ASSEMBLED PROI THERE MUST NOT	DUCT BOTH BE DEWFA	CT BOTH IN DELIVERY AND STORAGE, BEFORE ASSEMBLED TO EDEWFALL.			PCB. CHECKE		HT. YAMAGUCH I	09. 11. 20		
(6)	ONLY FFC THAT P	II VALUE OF CONNECTOR. CONFIRM THE SPECIFICATION OF THE C ROCESSES THE TERMINAL THAT WE SPECIFIED. DNDUCTOR RESISTANCE OF CABLE.			DESIGNE		AH. EDASHIGE	09. 11. 20			
Unless otherwise specified, refer to JIS-C-5402.					DRAWN			AH. EDASHIGE	09. 11. 20		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DF	DRAWING NO.		ELC4-327150-00			
HS		SPECIFICATION SHEET			PART NO.			FX16M2-51P-HC			
	HIR	HIROSE ELECTRIC CO., LTD.			CODE NO.		CL575-3263-0-00 🛕 1/1			1/1	