APPLICA	BLE STAN	IDARD									
RATING	OPERATING TEMPERATURE RANGE		−25 °C TO +85	°C	STOR RANG		IPERATURE		−10 °C TO +60	°C	
	VOLTAGE		AC 100 V , DC 14	10 V					_		
	CURRENT	2 A APPLICABLE CABLE									
			SPEC	IFICA	OITA	NS					
l-	 ГЕМ		TEST METHOD				R	EQU	IREMENTS	QT	AT
CONSTR	RUCTION										
GENERAL EXAM	INATION	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				X	X
MARKING		CONFIRMED VISUALLY.								X	X
ELECTR	IC CHARA	CTERISTICS								•	
CONTACT RESI	STANCE	CONTACT SHALL BE MEASURED AT DC 1 A				10 mΩ MAX.				X	X
INSULATION RESISTANCE		100 V DC.				1000 MΩ MIN.				X	X
VOLTAGE PROOF		300 V AC. FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				X	X
MECHAI	VICAL CH	ARACTI	ERISTICS								
CONTACT INSERTION AND WITHDRAWAL FORCES		——————————————————————————————————————				INSERTION AND WITHDRAWAL FORCES : — N MIN.				_	-
CONNECTOR IN	SERTION AND	MEASURED BY APPLICABLE CONNECTOR.				INSERTION AND WITHDRAWAL FORCES				X	
WITHDRAWAL F	ORCES					LOCKING DEVICE WITH UNLOCK : — N MAX.				^	-
						LOCKING DEVICE WITH LOCK : 70 N MAX.					
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.				CONTACT RESISTANCE: 20 mΩ MAX.				X	_
VIBRATION		FREQUENCY: 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s2 AT 2h, FOR 3 DIRECTIONS.				①NO ELECTRICAL DISCONTINUITY OF 10 μs. ②NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				X	-
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES				① NO ELECTRICAL DISCONTINUITY OF 10 µs.					
on on						② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				x	_
ENVIRO	NMENTAL	CHAR	ACTERISTICS			L					
DAMP HEAT		EXPOSED AT 40 °C, 90 TO 95 %, 96 h.				① INSULATION RESISTANCE: 5 MΩ MIN					
(STEADY STATE)						(AT HIGH HUMIDITY).				X	-
						② INSULATION RESISTANCE: 50 MΩ MIN					
						(AT DRY).					
RAPID CHANGE	0E	TEMPERATURE $-55 \rightarrow R/T^{(1)} \rightarrow +85 \rightarrow R/T ^{\circ}C$				③ NO DAMAGE. CRACK AND LOOSENESS OF PARTS. ① INSULATION RESISTANCE: 1000 MΩ MIN					1
TEMPERATURE	UF	TIME 30 \rightarrow 10 TO 15 \rightarrow 30 \rightarrow 10 TO 15 min				② NO DAMAGE CRACK AND LOOSENESS OF PARTS.				X	-
TEMILENATORE		UNDER 5 CYCLES.				THE DAMPAGE. GRACK AND ECOCENESS OF TAKES.					
CORROSION SA	LT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSIN RUIN THE FUNCTION.				Х	_	
DRY HEAT		EXPOSED A	EXPOSED AT + 85 °C, 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				X	_
COLD		EXPOSED A	EXPOSED AT - 55 °C, 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				Х	_
RESISTANCE TO SOLDERING HEAT		SOLDER TEMPERATURE, + 380±10°C, FOR SOLDERING DURATION, 3 0 s.			NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.				X	-	
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, + 350±10°C FOR			WETTING ON SOLDER SURFACE, NO SOLDER CLUSTER.				×	 	
		SOLDERING DURATION, 2 TO 3 s.							1		
COUN	IT C	ESCRIPTI	ESCRIPTION OF REVISIONS DESI		DESIG	GNED			CHECKED	D/	ATE
0											
REMARK							APPRO'	VED	MO. SATOH	07.0	03. 23
NOTE(1) R/T	: ROOM TEMPE	ATURE			CHECKED DESIGNED		ŒD	MO. SATOH	07. 03.		
							VED.	TO. HOR I I	07. 03. 20		
Unless ot	herwise spe	ecified, re	efer to JIS C 5402.			DRAWN		/N	MK. SATO	07. 03. 20	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test DR					RAWING NO. ELC4-023956			6-73			
HS.	S	SPECIFICATION SHEET			PART	NO.	HR10A-13R-20PB (73)				
	HIF	HIROSE ELECTRIC CO., LTD.			CODE NO.		CL110-0708-0-73 🛕				1/1