APPLICA	BLE STAN	DARD								
OPERATING TEMPERATU		PE RANGE	-40°C TO +85°C		STORAGE TEMPERATU	RE RANGE	_	40°C TO 60 °C	 C	
RATING	VOLTAGE		_		OPERATING			85 % MAX.		
			_		APPLICABLE			Φ9.2±0.3		
	CURRENT		SPECIFICATIO					Ψ9.2±0.3		
			TEST METHOD	IFICA	IIONS	DE	OLUDE	MENTO	$\overline{}$	AT
	RUCTION	TEST METHOD				REQUIREMENTS QT AT				
GENERAL EX		VISUALLY AND BY MEASURING INSTRUMENT.			ACCOR	ACCORDING TO DRAWING.				
MARKING		CONFIRMED VISUALLY.							X	X
MECHAN	VICAL CHA	RACTI	ERISTICS							
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS. (WITH FI30-20S INSTALLED)			<b>I</b>	NO DAMAGE, CRACK AND LOOSENESS OF PARTS. X				
VIBRATION		FREQUENCY 10 TO 500 Hz SINGLE AMPLITUDE 0.75 mm, - m/s <sup>2</sup> AT 3h FOR 6 DIRECTIONS.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS. X				
SHOCK		490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms			<u> </u>				X	
ENVIROI	NMENTAL		TIMES FOR 6 DIRECTIONS  ACTERISTICS	5.					^	
RAPID CHANGE OF		TEMPERATURE $-40 \rightarrow 5 \sim 35 \rightarrow 105 \rightarrow 5 \sim 35 ^{\circ}C$				NO DAMAGE, CRACK AND LOOSENESS X				
TEMPERATURE		TIME $30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3 \text{ min.}$ UNDER 10 CYCLES.				TS.				
DAMP HEAT/		MATED CONNECTOR WITH CONTACTS CONNECTED								
CURRENT CARRYING		IN SERIES. EXPOSED WITH CURRENT CARRYING AT TEMPERATURE 85°C, HUMIDITY 85% FOR 1000h.								
		(LEAVE AT ROOM TEMPERATURE FOR 2h AFTER								
		TESTING) (WITH F130-20S INSTALLED)								
DRY HEAT/		MATED CONNECTOR WITH CONTACTS CONNECTED								
CURRENT CARRYING		IN SERIES. EXPOSED WITH CURRENT CARRYING AT TEMPERATURE 105°C, FOR 1000h. (LEAVE AT ROOM TEMPERATURE FOR 2h AFTER TESTING)								
		(WITH FI30-20S INSTALLED)								
COLD RESISTANCE		LEAVE AT -40 °C, FOR 500h								
		LEAVE AT 5 TO 30℃ FOR 1 TO 2HOURS AFTER TESTING.								
CORROSION SALT MIST		EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.			NO HEA	AVY CORRC	SION.		X	†=
MIXED GAS		SULFUR DIOXIDE : 10 PPM HYDROGEN SULFIDE : 3 PPM								
			ATURE: 40±2 °C							
			"Y : 70 – 80 % .D FOR 96 h							
MACHINING OIL		SOAK IN MACINING OIL AT TEMPERATURE 85 °C, FOR 100h TESTED WITH 3 DIFFERENT OILS SEPARATELY:				NO DAMAGE, CRACK AND LOOSENESS X -				
					<u>.</u>					_
COLIN	COUNT DESCR		CRIPTION OF REVISIONS DESIG		DESIGNED			CHECKED		ATE
<b>a</b>	-	LOOKII II	ON OF INEVIOUS		BEGIOIVEB			OTILOTIES	1 5	·
REMARK				<u>I</u>		APPROVI	ED	YH. ENAMI	10.0	02. 26
						CHECKED DESIGNED DRAWN		HO. MIWA		02. 26
								YH. MAMADA	10. (	02. 25
Unless otl	herwise spe	cified, re	cified, refer to JIS C 5402.					YH. MAMADA		02. 25
Note QT:Q	ualification Tes	urance Test X:Applicable Te	st	DRAWIN	G NO.		ELC4-122397-01			
HS	SI	PECIFI	CATION SHEET		PART NO.	F1-20-CVS5 (50)				
	HIR	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL2	CL230-0532-8-50			1/1