COUNT	DESCRIPTION	OF REVIS	SIONS BY C		CHKD	CHKD DATE		TNUC	DESCRIPTION OF REVIS		FREVISIONS	BY	CHKD	DAT	E
	<u> </u>						abla								
	BLE STAND	ΔRD				<u> </u>					···	·	L		
A I LION	OPERATING	37 (1 12)						STOR			4000TO 5				
	RANGE -40 °C TO 85 °C TEMP					PERATURE RANGE -10°CTO 50°C(PACKED CONDITION)									
RATING VOLTAGE		=			1	RELATIVE HUMIDITY 90 90 MAX(NOT				K(NOT DE	WED)				
		ниміі				IIDITY RANGE									
					APPLI	t=0.18±0.05 , GOLD				) DI AT	Ę				
CURRENT			※ 0.5 A									/ I LA			
SPECIFICATIONS  ITEM TEST METHOD REQUIREMENTS QT /										ΛT					
TI LIVI								<u>ןעו</u>	A						
CONSTRUCTION  GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT.   ACCORDING TO DRAWING.   X									TV						
								ACCORDING TO DRAWING.				×	X		
MARKING		CONFIRMED VISUALLY.									X	×			
	CHARACT														
CONTACT R	ESISTANCE	1 mA (DC OR 1000 Hz).								mΩ M/				×	×
									INCLUDING FPC,FFC BULK RESISTANCE						
INSULATION		100 V DC.							(L=8m	im) 0 ΜΩ N	AIN:			+	
RESISTANC		10	0 V DC.	•					00	0 11124 11				×	×
VOLTAGE P		150 V AC FOR 1 min.						T I	NO FLASHOVER OR BREAKDOWN.				×	X	
MECHANI	CAL CHARA	ACTER	ISTIC	s										<u>,t.</u>	1
MECHANICA								1	_		SISTANCE:				_
OPERATION	l							ļ(	-		CRACK AND	LOOS	SENES	3	:
HERATION		EDEOU	TNOV	10 T	\ EE	U- UAIE AI	MDI ITI		OF PA		CAL DISCONT	TINU IIT	V OF	+~	
VIBRATION						S IN 3 DIR			1 μs.	ECTRIC	JAL DIGGOIS	HOII	1 01	×	
									•	ACT RE	SISTANCE:	50 m	ιΩ ΜΑΧ	<u>:                                    </u>	
SHOCK						F PULSE 6	ms				, CRACK AND	LOOS	SENES	s X	_
		AT 3 TIMES IN 3 DIRECTIONS.							OF PARTS.  DIRECTION OF INSERTION: 0.4×n N MIN.				+		
FPC RETEN	SION FORCE	ME. (001(20 D. ) (1) 10 (1) 10 (1)								CONTACTS)	J. <del>4</del> ^ II	IN IVIIIN.	×		
		(CONECTOR, FPC AT INITIAL CONDITION. THICKNESS OF FPC SHALL BE t=0.18mm)						(II . NOIVIE	JER OI	CONTACTO					
ENVIRON	MENTAL CI					L DL 1 0.1011	,								
RAPID CHA		TEMPE	RATUR	E-40-	<u>→</u> +15тс	0+35→+85→+	-15то+3	35°C	① CONTA	ACT RE	SISTANCE:	50 n	ιΩ ΜΑΧ	(. X	<u> </u>
TEMPERATURE		TIME $30 \rightarrow 2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min.}$						min.	. ② INSULATION RESISTANCE: 50 MΩ MIN.						
		UNDER 5 CYCLES.							③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					_	
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, RELATIVE HUMIDITY 90 TO 95 %, 96 h.						OF PA	K15.				×	-	
DAMP HEAT						+65 °C,			① CONT.	ACT RE	SISTANCE:	50 n	ιΩ ΜΑλ	c ×	† <u>-</u> -
	•					O 96 %,		ŀ	-		RESISTANCE	E: 1 N	MΩ MIN		
		10 CY0	CLES, 7	OTAL	. 240 h	l <b>.</b>					HUMIDITY) RESISTANCE	. EO B	AO NAIN		
								ľ	_	ATION DRY)	RESIS I ANCE	:: 50 IV	UZZ IVIIIN	·	
								ļ			, CRACK AND	LOOS	SENES	s	
<u></u>									OF PA	RTS.					<u> </u>
DRY HEAT EXPOSED AT			T 85±2 °C, 96 h.					① CONTACT RESISTANCE: 50 mΩ MAX.				1 1	-		
COLD EXPOS			POSED AT -40±3 °C, 96 h.						- ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				s ×	<u> </u>	
EMARKS		<u> </u>					DR	NWAS		GNED	CHECKED	APPI	ROVED	RELE	ASED
													0		
			D.YAMAE				107 04.06.07 104.06.07 04.06.07				]				
					04 (	06.07	7 04.0	6.07	lan i e	ľ ` ` ′ <b>'</b>	0				
Unless of	Unless otherwise specified, refer to JIS C 5402.							<u> </u>							
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test															
מנן					QI	PECIFICA	TION	וא מ	HEET	PART		_		<b></b>	
1172	THIZE TAS - 0.00 (00)														
1	CODE NO.(OLD)							CC	CODE NO.				]	1/	
CL	ELC4 – 152792 – 51					CL 586						/2			

NC

FORM No.231-1

	SPECIFICATION	IS		
ITEM	TEST METHOD	REQUIREMENTS	QT	ΑT
CORROSION SALT MIST	EXPOSED AT 35±2 ℃, 5 % SALT WATER SPRAY FOR 96 h.	① CONTACT RESISTANCE: 50 mΩ MAX. ② NO EVIDENCE OF CORROSION WHICH	×	_
SURPHUR DIOXIDE [ JIS C 0090 ]	EXPOSED AT 40±2 ℃, RELATIVE HUMIDITY 80±5 %, 25±5 PPM FOR 96 h.	AFFECTS TO OPERATION OF CONNECTOR.	×	_
HYDROGEN SULPHIDE [ JIS C 0092 ]	EXPOSED AT 40±2 ℃, RELATIVE HUMIDITY 80±5 % , 10 TO 15 PPM FOR 96 h.		×	_
RESISTANCE TO SOLDERING HEAT	1) REFLOW SOLDERING (TO BE 2 TIMES MAX.) PEAK TMP. 250 °C MAX. REFLOW TMP. 230 °C MIN. FOR 30 sec. PRE-HEATING. 150 TO 200 °C 90 TO 120 sec. 2) SOLDERING IRONS : 350 ± 10 °C, FOR 5±1 sec.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	×	
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 235 ± 5 °C, FOR IMMERSION DURATION, 2±0.5 sec.	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	×	

★ WHEN THE SAME VALUE OF CURRENT ARE APPLID TO ALL CONTACTS AT THE SAME TIME IN ONCE, SET THE CURRENT TO THE 70 % OF THE RATED CURRENT VALUE.

DESIGNED	CHECKED	APPROVED	RELEASED
T.MURAI 04.06.07	T.Kvurata '04.06.07	In landing	
)7		04.06.07	04.06.07 04.06.07

PART NO. SPECIFICATION SHEET HIROSE ELECTRIC CO., LTD. FH12F -\* \*S - 0.5SH (55)

DRAWING NO. CODE NO.(OLD) CODE NO. CL 586 ELC4 - 152792-51 CL