APPLICA	BLE STAN	DARD										
	OPERATING		-40 °C TO 85	 5 °C		TORAGE		T	-10 °C TO 50 °C (PACKED CONDITION			
RATING	VOLTAGE	50 V AC / DC			OPE-	PATING C	ERATURE RANGE TING OR STORAGE		,			
	CURRENT		I DIVII		DITY RANGE LICABLE CABLE		1	t=0.3±0.05mm, GOLD P		,		
	JOOKKENT		SPEC		ATIO	NS			t-0.0±0.00mm, GOLD	L/ \	10	
	 ГЕМ		TEST METHOD	/11 10	, (110		RF	OU	REMENTS	QT	АТ	
	RUCTION		TEST METHOD			REQUIREMENTS			1 4.	1 / 1		
GENERAL E	XAMINATION	VISUALL	Y AND BY MEASURING IN	STRUM	ENT.	ACCOR	RDING TO	DR.	AWING.	×	×	
MARKING		CONFIRM	MED VISUALLY.							×	×	
	IC CHARA											
CONTACT RESISTANCE INSULATION		1mA(DC OR 1000Hz).			50 mΩ MAX.			×	×			
					INCLUDING FPC,FFC BULK RESISTANCE							
					(L=8mm) 500 MΩ MIN.				+×	×		
RESISTANC					NO EL							
VOLTAGE F	ROOF	150 V AC FOR 1 min.			NO FLA	NO FLASHOVER OR BREAKDOWN.			×	×		
MECHAI	VICAL CHA	RACTE	ERISTICS			'				•	•	
MECHANIC. OPERATION		20 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX.				×			
OFLINATION	V					② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						
VIBRATION		FREQUENCY 10 TO 55 Hz, HALF AMPLITUDE			① NO ELECTRICAL DISCONTINUITY OF 1			1 ×	-			
		0.75 mm, FOR 10 CYCLES IN 3 AXIAL DIRECTIONS.				μs. ② CONTACT RESISTANCE: 50 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS						
SHOCK		981 m/s ² , DURATION OF PULSE 6 ms							×	1-		
EDC DETEN	ITION FORCE		MES IN 3 BOTH AXIAL		TIONS.		OF PARTS. DIRECTION OF INSERTION: 0.4 × n N MIN					
FPC RETEN	ITION FORCE	MEASURED BY APPLICABLE FPC. (CONNECTOR, FPC AT INITIAL CONDITION.					TION OF II IBER OF C			×	-	
			ESS OF FPC SHALL BE t=0.	.30mm)		ľ			·			
			ACTERISTICS			To						
RAPID CHA TEMPERAT		TEMPER					① CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX. ② INSULATION RESISTANCE: $50 \text{ M}\Omega$ MIN.			×	-	
		UNDER	UNDER 5 CYCLES.				③ NO DAMAGE, CRACK AND LOOSENESS					
DAMP HEAT (STEADY ST		EXPOSED AT 40±2 °C, RELATIVE HUMIDITY 90 TO 95 %, 96 h.				OF	PARTS.			×	-	
DAMP HEA	,		D AT -10 TO +6		о п.	① COI	NTACT RE	SIS	TANCE: 50 mΩ MAX.	×	+_	
		RELATIVE HUMIDITY 90 TO 96 %,			② INSULATION RESISTANCE: 1 MΩ MIN.							
		10 CYCLES,TOTAL 240 h.				 (AT HIGH HUMIDITY) INSULATION RESISTANCE: 50 MΩ MIN. (AT DRY) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 						
DRY HEAT		EXPOSE	EXPOSED AT 85±2 °C, 96 h.			① CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX.				×	† -	
COLD		EXPOSE	EXPOSED AT -40±3°C, 96 h.				② NO DAMAGE, CRACK AND LOOSENESS				<u> </u>	
CORROSIO	N SALT MIST	EXPOSED AT 35±2 °C 5% SALT WATER SPRAY			OF PARTS. ① CONTACT RESISTANCE: 50 mΩ MAX.				×	+_		
		FOR 96 h.			2 NO	2 NO EVIDENCE OF CORROSION WHICH						
SULPHUR DIOXIDE [JIS C 0090]		EXPOSED AT 40±2 °C , RELATIVE HUMIDITY 80±5% , 25±5 PPM FOR 96 h.			1	ECTS TO NNECTOR		ERATION OF	×	-		
HYDROGEN	SULPHIDE	EXPOSE	D AT 40±2 °C , RELATIVE F 10 TO 15 PPM FOR 96 h		Υ	1	, _ , _ , _ ,			×	1-	
	-			1.								
COUN	IT D	ESCRIPTIO	ON OF REVISIONS		DESIG	GNED			CHECKED	DA	DATE	
&						APPROVED NM. NISHIMATSU			12. 03. 21			
					CHECKED		-+	NM. NISHIMATSU HS. SAKAMOTO)3. 21)3. 21		
							DESIGNED		RT. IKEDA	12. 03. 2		
Unless ot	nerwise spe	cified, re	fied, refer to JIS C 5402.			DRAWN		\rightarrow	NM. SANPEI	12. 03. 14		
				D	PRAWING NO. ELC4-15926			5-02				
HS.	SI	SPECIFICATION SHEET			PART	ART NO. F		FH12-**S-0. 5SVA (54)				
11/2			ECTRIC CO., LTD.		CODE NO.			CL586		Δ	1/2	
EODN UDOO11 2 1					32000							

SPECIFICATIONS								
ITEM	TEST METHOD	REQUIREMENTS	QT	АТ				
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 ℃ FOR IMMERSION DURATION, 2±0.5 sec.	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	×					

(note 1)

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

Note QT:C	ualification Test AT:Assurance Test X:Applicable Test	DRAWIN	IG NO.	ELC4-159266-02		
HRS	SPECIFICATION SHEET	PART NO.	FH12-**S-0. 5SVA (54)			
	HIROSE ELECTRIC CO., LTD.	CODE NO		CL586	Δ	2/2