	APPLICA	BLE STAN	DARD										
		OPERATING TEMPERATURE RANGE VOLTAGE		<u></u>	ТО	105 °C	STORAGE TEMPERAT				-10°CTO50°C(PACKE	DCOND	MON)
	RATING			50 V AC / DC			OPERATING OR STORA HUMIDITY RANGE		E	RELATIVE HUMIDITY 90 % MAX (I			NOT DEWED)
	CURRENT			0.5 A (note 1)			LICABLE	t=0.3±0.05mm, GOLD PLAT			PLATI	NG	
			SPECIFICATIONS										
	רו	ГЕМ		TEST M	/IETH	OD			RE	QU	IREMENTS	QT	AT
		RUCTION											
	MARKING CONFIRI			ALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.				×	×	
				NFIRMED VISUALLY.								×	×
	_	ICAL CHAI				Tee a may							
	CONTACT F	RESISTANCE	1mA(DC OR 1000Hz).				50 mΩ MAX.				×	×	
	INSULATION 100 V DO RESISTANCE VOLTAGE PROOF 150 V AC							INCLUDING FPC,FFC BULK RESISTANCE (L=8mm)					
				DC.				500 Mg	Ω MIN.			×	×
				V AC FOR 1 min.				NO FL	NO FLASHOVER OR BREAKDOWN.				×
	MECHAN	NICAL CHA	RACT	RISTICS				1					
	MECHANICAL 20 TIMES INSERTIO OPERATION			TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX.				. ×	_	
								② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				S	
Λ	VIBRATION		NCY 10 TO 55 Hz, HALF AMPLITUDE			① NO ELECTRICAL DISCONTINUITY OF			×	_			
				0.75 mm, FOR 10 CYCLES IN 3 AXIAL DIRECTIONS.					1 μs. ② CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX.				
Λ	SHOCK 981 m/s			B1 m/s ² , DURATION OF PULSE 6 ms T 3 TIMES IN 3 BOTH AXIAL DIRECTIONS.				③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					-
	(CONNE			MEASURED BY APPLICABLE FPC. CONNECTOR,FPC AT INITIAL CONDITION. HICKNESS OF FPC SHALL BE t=0.30mm)					DIRECTION OF INSERTION: 0.4×n N MIN				_
								(n : NUMBER OF CONTACTS).					
	ENVIRO	NMENTAL	CHAR	ACTERISTIC	S							•	•
Λ				EMPERATURE-40→+15 _{TO} +35→+105→+15 _{TO} +35°C			_	I -				_	
	TEMPERATURE TIME UNDER							 INSULATION RESISTANCE: 50 MΩ MIN. NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 					
				OSED AT 40±2 °C,								×	-
	,			_ATIVE HUMIDITY			① CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX. ② INSULATION RESISTANCE: $1 \text{ M}\Omega$ MIN.				. ×	+_	
	RELAT			RELATIVE HUMIDITY 90 TO 96 %,									
10 CY0			0 CYCLES,TOTAL 240 h.				(AT HIGH HUMIDITY) ③ INSULATION RESISTANCE: 50 MΩ MIN.						
								(AT DRY)				•	
							4 NO DAMAGE, CRACK AND LOOSENES OF PARTS.			S			
Δ	DRY HEAT		EXPOSED AT 105±2 °C, 96 h.			① CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX.			. ×	<u> </u>			
	COLD		EXPOSE	EXPOSED AT -40±3°C, 96 h.				 ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS. ① CONTACT RESISTANCE: 50 mΩ MAX. ② NO EVIDENCE OF CORROSION WHICH 				S ×	
				EXPOSED AT 35±2 °C 5% SALT WATER SPRAY									-
Λ	FOR 96 h			SED AT 40±2 °C , RELATIVE HUMIDITY			_			OF CORROSION WHICH		+-	
٨		[JIS C 60068-2-42] 80±5% , 25±5 ppm FOR 96 h.				CONNECTOR.							
<u> </u>		N SULPHIDE C 60068-2-43]		ED AT 40±2 °C , R 10 TO 15 ppm FC			ΤY					×	-
	COUN	IT DE	SCRIPTION	ON OF REVISION	IS		DESIG	SNED			CHECKED	DA	TE
	<u> </u>	9 D1		IS-F-00000493 RT. IK			EDA			HS. SAKAMOTO	15. 1	0. 26	
	REMARK					APPRO		ΈD	RI. TAKAYASU	05.0)4. 19		
								CHECKE		SS. WATANABE)4. 18	
	riangle Unless otherwise specified, re			refer to IEC 60512			DESIGNED			HH. TSUKUMO	_)4. 18	
							DRAWN		N	HH. TSUKUMO)4. 18	
	Note QT:Q	lualification Tes	st AT:As	surance Test X:Applicable Test D				RAWING NO.			ELC4-155415-		
	HS.	SF	PECIFI	CATION SHEET PA			PART	RT NO. FH		FH2	H28D-**S-0. 5SH (05)		П
	HIROS			LECTRIC CO., LTD.			CODE NO.		CL586			Δ	1/2

	SPECIFICATIONS							
ITEM	TEST METHOD	REQUIREMENTS	QT	AT				
RESISTANCE TO	1) REFLOW SOLDERING (MAX 2 CYCLES.)	NO DEFORMATION OF CASE OF	×	_				
SOLDERING HEAT	PEAK TMP 250 °C MAX	EXCESSIVE LOOSENESS OF THE						
	REFLOW TMP OVER 230 °C WITHIN 60 sec.	TERMINALS.						
	PRE-HEAT 150 TO 200°C FOR 90 TO 120 sec.							
	2) SOLDERING IRONS							
	TMP 350 ± 10 °C FOR 5± 1 sec.							
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE,	A NEW UNIFORM COATING OF SOLDER	×	_				
	235±3 °C FOR IMMERSION DURATION,	SHALL COVER A MINIMUM OF 95 % OF						
	2±0.5 sec.	THE SURFACE BEING IMMERSED.						

(note 1)

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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:Qualification Test AT:Assurance Test X:Applicable Test			DRAWIN	NG NO.	ELC4-155415-02		
HRS		SPECIFICATION SHEET	PART NO.	FH28D-**S-0. 5SH(05)			
		HIROSE ELECTRIC CO., LTD.	CODE NO		CL586	Δ	2/2