	APPLICA	BLE STAN	DARD											
		OPERATING TEMPERATUR	E RANGE	<u></u>	ТО	105 °C	TEME		RE RANGE		-10°CTO50°C (PACKED CONDITIO			
	RATING	VOLTAGE		50 V	AC	/ DC	HUMIE	OTTY RANG	II IVANGL		RELATIVE HUMIDITY 90 % MAX (NOT		EWED)	
	CURRENT			0.5 A (note 1)			LICABLE	t=0.3±0.05mm, GOLD PL			PLATI	NG		
	SPECIFICATIONS													
		ГЕМ		TEST N	ИЕТНО	DD			RE	QU	IREMENTS	QT	AT	
		RUCTION	T					1					1	
				LY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.				×	×		
				IRMED VISUALLY.								×	×	
	_						50 mΩ MAX.				<u> </u>	T		
	CONTACT RESISTANCE 1mA(DC			5 5 K 1000H2J.				INCLUDING FPC,FFC BULK RESISTANCE (L=8mm)				×	×	
	INSULATION RESISTANO		C.				_	(L=8mm) 500 MΩ MIN.				×		
				AC FOR 1 min.				NO FL	NO FLASHOVER OR BREAKDOWN.				×	
	MECHAN	NICAL CHA	RACTE	ERISTICS										
				S INSERTIONS AND EXTRACTIONS.				② NO	 CONTACT RESISTANCE: 50 mΩ MAX. NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 				-	
Δ	VIBRATION		FREQUENCY 10 TO 55 Hz, HALF AMPLITUDE 0.75 mm, FOR 10 CYCLES IN 3 AXIAL DIRECTIONS.			ITUDE	1 μs	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: 50 mΩ MAX.			×	-		
Λ	SHOCK		981 m/s ² , DURATION OF PULSE 6 ms AT 3 TIMES IN 3 BOTH AXIAL DIRECTIONS.				3 NO	(2) CONTACT RESISTANCE: 50 ML2 MAX. (3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				-		
	FPC RETENTION FORCE MEAS (CONN		MEASU (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	•	ACTERISTIC			,							
Λ	RAPID CHANGE OF TEMPE TEMPERATURE TIME UNDER						② INS	① CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX. ② INSULATION RESISTANCE: $50 \text{ M}\Omega$ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS				-		
				KPOSED AT 40±2 °C, ELATIVE HUMIDITY 90 TO 95 %, 96 h.			OF PARTS.			×	_			
	DAMP HEA	T,CYCLIC	EXPOSED AT -10 TO +65 °C, RELATIVE HUMIDITY 90 TO 96 %, 10 CYCLES,TOTAL 240 h.					 CONTACT RESISTANCE: 50 mΩ MAX. INSULATION RESISTANCE: 1 MΩ MIN (AT HIGH HUMIDITY) INSULATION RESISTANCE: 50 MΩ MIN. (AT DRY) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 				-	_	
Λ	DRY HEAT	EXPOSE		OSED AT 105±2 °C, 96 h.				_			STANCE: 50 mΩ MAX.		+-	
_	COLD		EXPOSE	SED AT -40±3°C, 96 h.				② NO DAMAGE, CRACK AND LOOSE			RACK AND LOOSENESS	8 ×	-	
	CORROSIO	N SALT MIST EXPOSE FOR 96		ED AT 35±2 °C 5% SALT WATER SPRAY h. ED AT 40±2 °C , RELATIVE HUMIDITY 25±5 ppm FOR 96 h.			SPRAY	OF PARTS. ① CONTACT RESISTANCE OF A STANCE OF A STANC				×	-	
Δ	SULPHUR [AFF					OP	OF CORROSION WHICH DPERATION OF		-			
Λ	HYDROGEN SULPHIDE EXPOSE		POSED AT 40±2 °C , RELATIVE HUMIDITY .5% , 10 TO 15 ppm FOR 96 h.							×	_			
	COUN	1	DESCRIPTION OF REVISIONS				DESIGNED		IED CH		CHECKED	DAT		
	A 9		DIS-	F-00000493			RT. II	KEDA			HS. SAKAMOTO	15.	10. 26	
	REMARK						APPROVED		ΈD	RI. TAKAYASU		04. 19		
				rofor to IEC 60512			CHECKED		ĒD	SS. WATANABE	05. (04. 18		
	A	nomuino en e	sifical ==					DESIGNED		HH. TSUKUMO	05. 04.			
							DRAWN RAWING NO.		N	нн. тѕикимо ELC4-155415-		04. 18		
										FH2	128D-**S-0. 5SH (05)			
				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 Q	Qualification Test AT:Assurance Test X:Applicable Test	DRAWIN	NG NO.	ELC4-155415-02			
R	SPECIFICATION SHEET	PART NO.	FH28D-**S-0. 5SH(05)				
11.	HIROSE ELECTRIC CO., LTD.	CODE NO		CL586	Δ	2/2	