,	BLE STAN	DARD						
OPERATING TEMPERATUR			J5 °C _T	TORAGE EMPERATURE PERATING OR		-10 °C TO 50 °C (PACKED CONDITION		
RATING	VOLTAGE	50 V AC / D	Н	IUMIDITY RANGE		RELATIVE HUMIDITY 90 % MAX (NOT DE	WE
	CURRENT	0.5 A (note	1)	PPLICABLE CA	ABLE	t=0.3±0.05mm, GOLD F	PLATI	NG
		SPEC	CIFICATI	ONS				
	EM	TEST METHOD			REQ	UIREMENTS	QT	Α
CONSTR		VICUALLY AND DV MEACUDING I	NOTOLIMENT	IACCORE	DING TO F	IDAMINO.	×	1 .
GENERAL EXAMINATION MARKING ELECTRICAL CHAI CONTACT RESISTANCE		CONFIRMED VISUALLY.	ACCORL	ACCORDING TO DRAWING.			>	
							×	
					IAX.		×	>
					INCLUDING FPC,FFC BULK RESISTANCE (L=8mm)			
INSULATION RESISTANC		100 V DC.	500 MΩ I	MIN.		×	>	
VOLTAGE P		150 V AC FOR 1 min.		NO FLAS	SHOVER C	OR BREAKDOWN.	×	>
MECHAN	IICAL CHA	RACTERISTICS		I.			ı	1
MECHANICAL OPERATION		20 TIMES INSERTIONS AND EXTRACTIONS.		② NO D	 CONTACT RESISTANCE: 50 mΩ MAX. NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 			-
VIBRATION		FREQUENCY 10 TO 55 Hz, HAL 0.75 mm, FOR 10 CYCLES IN 3 AX DIRECTIONS.	1 μs.	① NO ELECTRICAL DISCONTINUITY OF 1 μs.			-	
SHOCK		981 m/s ² , DURATION OF PULSE AT 3 TIMES IN 3 BOTH AXIAL DIR		③ NO D	② CONTACT RESISTANCE: 50 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			-
FPC RETEN	TION FORCE	MEASURED BY APPLICABLE FPO (CONNECTOR, FPC AT INITIAL OF THICKNESS OF FPC SHALL BE t=	CONDITION.	DIRECTION OF INSERTION: 0.4×n N MIN (n: NUMBER OF CONTACTS).			×	-
ENVIRON	MENTAL	CHARACTERISTICS	,				Ţ	1
RAPID CHANGE OF TEMPERATURE DAMP HEAT (STEADY STATE) DAMP HEAT,CYCLIC				05→+ 15 _{TO} + 35 °C ① CONTACT RESISTANCE: 50 mΩ MAX. 30 → 2 TO 3 min. ② INSULATION RESISTANCE: 50 MΩ MIN.			×	-
		EXPOSED AT 40±2 °C, RELATIVE HUMIDITY 90 TO 9	OF PA	③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			-	
				② INSUI (AT ③ INSUI	 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. 			-
			,					
					AMAĜE, C	CRACK AND LOOSENESS		
DRY HEAT		EXPOSED AT 105±2 °C, 96 h		OF PA	AMAGE, C ARTS. TACT RES	ISTANCE: 50 mΩ MAX.	×	_
DRY HEAT		EXPOSED AT 105±2 °C, 96 h EXPOSED AT -40±3°C, 96 h.		OF PA	AMAGE, (ARTS. TACT RES AMAGE, (×	 - -
COLD	N SALT MIST	EXPOSED AT -40±3°C, 96 h. EXPOSED AT 35±2 °C 5% SALT FOR 96 h.	WATER SPRA	OF PA ① CONT ② NO D OF PA NY ① CONT ② NO E	AMAGE, CARTS. FACT RES AMAGE, CARTS. FACT RES VIDENCE	ISTANCE: $50 \text{ m}\Omega$ MAX. CRACK AND LOOSENESS ISTANCE: $50 \text{ m}\Omega$ MAX. OF CORROSION WHICH		-
COLD CORROSION SULPHUR D [JIS	IOXIDE C 60068-2-42	EXPOSED AT -40±3°C, 96 h. EXPOSED AT 35±2 °C 5% SALT FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE 80±5% , 25±5 ppm FOR 96 h.	WATER SPRA	OF PA 1 CONT 2 NO D OF PA Y 1 CONT 2 NO E AFFE	AMAGE, CARTS. FACT RES AMAGE, CARTS. FACT RES VIDENCE	ISTANCE: $50 \text{ m}\Omega$ MAX. CRACK AND LOOSENESS ISTANCE: $50 \text{ m}\Omega$ MAX.	×	-
COLD CORROSION SULPHUR D [JIS HYDROGEN	IOXIDE C 60068-2-42 SULPHIDE	EXPOSED AT -40±3°C, 96 h. EXPOSED AT 35±2 °C 5% SALT FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE	WATER SPRA	OF PA 1 CONT 2 NO D OF PA Y 1 CONT 2 NO E AFFE	AMAGE, CARTS. FACT RES AMAGE, CARTS. FACT RES VIDENCE CTS TO C	ISTANCE: $50 \text{ m}\Omega$ MAX. CRACK AND LOOSENESS ISTANCE: $50 \text{ m}\Omega$ MAX. OF CORROSION WHICH	×	-
COLD CORROSION SULPHUR D [JIS HYDROGEN [JIS COUN	IOXIDE C 60068-2-42 SULPHIDE C 60068-2-43	EXPOSED AT -40±3°C, 96 h. EXPOSED AT 35±2 °C 5% SALT FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE 80±5% , 25±5 ppm FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE	WATER SPRAE HUMIDITY	OF PA 1 CONT 2 NO D OF PA Y 1 CONT 2 NO E AFFE	AMAGE, CARTS. FACT RES AMAGE, CARTS. FACT RES VIDENCE CTS TO C	ISTANCE: $50 \text{ m}\Omega$ MAX. CRACK AND LOOSENESS ISTANCE: $50 \text{ m}\Omega$ MAX. OF CORROSION WHICH	×	- -
COLD CORROSION SULPHUR D [JIS HYDROGEN [JIS COUN]	IOXIDE C 60068-2-42 SULPHIDE C 60068-2-43	EXPOSED AT -40±3°C, 96 h. EXPOSED AT 35±2 °C 5% SALT FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE 80±5% , 25±5 ppm FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE 80±5% , 10 TO 15 ppm FOR 96 h.	WATER SPRAE HUMIDITY E HUMIDITY DE	OF PA OF PA NO D OF PA Y O CONT NO E AFFE CONN CSIGNED	AMAGE, CARTS. FACT RES AMAGE, CARTS. FACT RES VIDENCE CCTS TO CONECTOR.	ISTANCE: 50 mΩ MAX. CRACK AND LOOSENESS ISTANCE: 50 mΩ MAX. OF CORROSION WHICH PERATION OF CHECKED HS. SAKAMOTO	× × × × DA	0. :
COLD CORROSION SULPHUR D [JIS HYDROGEN [JIS COUN]	IOXIDE C 60068-2-42 SULPHIDE C 60068-2-43	EXPOSED AT -40±3°C, 96 h. EXPOSED AT 35±2 °C 5% SALT FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE 80±5% , 25±5 ppm FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE 80±5% , 10 TO 15 ppm FOR 96 h. SCRIPTION OF REVISIONS	WATER SPRAE HUMIDITY E HUMIDITY DE	OF PA ① CONT ② NO D OF PA Y ① CONT ② NO E AFFE CONN CSIGNED T. IKEDA	AMAGE, CARTS. FACT RES AMAGE, CARTS. FACT RES VIDENCE CCTS TO CONECTOR.	ISTANCE: 50 mΩ MAX. CRACK AND LOOSENESS ISTANCE: 50 mΩ MAX. OF CORROSION WHICH PERATION OF CHECKED HS. SAKAMOTO RI. TAKAYASU	× × × × DA 15.1	0.
COLD CORROSION SULPHUR D [JIS HYDROGEN [JIS COUN' 4 9 REMARK	IOXIDE C 60068-2-42 SULPHIDE C 60068-2-43	EXPOSED AT -40±3°C, 96 h. EXPOSED AT 35±2 °C 5% SALT FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE 80±5% , 25±5 ppm FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE 80±5% , 10 TO 15 ppm FOR 96 h. SCRIPTION OF REVISIONS	WATER SPRAE HUMIDITY E HUMIDITY DE	OF PA OF PA NO D OF PA Y ① CONT NO E AFFE CONT SIGNED T. IKEDA	AMAGE, CARTS. FACT RES AMAGE, CARTS. FACT RES VIDENCE CCTS TO CONECTOR. PPROVEI	ISTANCE: 50 mΩ MAX. CRACK AND LOOSENESS ISTANCE: 50 mΩ MAX. OF CORROSION WHICH OPERATION OF CHECKED HS. SAKAMOTO RI. TAKAYASU TN. KUWATA	X X X DA 15. 1 06. 1	0. 0. 0.
COLD CORROSION SULPHUR D [JIS HYDROGEN [JIS COUN] 4 9 REMARK	IOXIDE C 60068-2-42 SULPHIDE C 60068-2-43 T DE	EXPOSED AT -40±3°C, 96 h. EXPOSED AT 35±2 °C 5% SALT FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE 80±5% , 25±5 ppm FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE 80±5% , 10 TO 15 ppm FOR 96 h. SCRIPTION OF REVISIONS	WATER SPRAE HUMIDITY E HUMIDITY DE	OF PA OF PA NO D OF PA Y ① CONT NO E AFFE CONT SIGNED T. IKEDA	AMAGE, CARTS. FACT RES AMAGE, CARTS. FACT RES VIDENCE CCTS TO CONECTOR.	ISTANCE: 50 mΩ MAX. CRACK AND LOOSENESS ISTANCE: 50 mΩ MAX. OF CORROSION WHICH OPERATION OF CHECKED HS. SAKAMOTO RI. TAKAYASU TN. KUWATA	X X X DA 15. 1 06. 1 06. 1 06. 1	0. 0. 0.
COLD CORROSION SULPHUR D [JIS HYDROGEN [JIS COUN' 4 9 REMARK Unless oth	IOXIDE C 60068-2-42 SULPHIDE C 60068-2-43 T DE	EXPOSED AT -40±3°C, 96 h. EXPOSED AT 35±2 °C 5% SALT FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE 80±5% , 25±5 ppm FOR 96 h. EXPOSED AT 40±2 °C , RELATIVE 80±5% , 10 TO 15 ppm FOR 96 h. ESCRIPTION OF REVISIONS DIS-F-00000493	WATER SPRAE HUMIDITY E HUMIDITY DE R1	OF PA ① CONT ② NO D OF PA Y ① CONT ② NO E AFFE CONT CSIGNED T. IKEDA	AMAGE, CARTS. FACT RES AMAGE, CARTS. FACT RES VIDENCE CTS TO CONECTOR. PPROVED CHECKED DESIGNED DRAWN	ISTANCE: 50 mΩ MAX. CRACK AND LOOSENESS ISTANCE: 50 mΩ MAX. OF CORROSION WHICH PERATION OF CHECKED HS. SAKAMOTO D RI. TAKAYASU TN. KUWATA RT. IKEDA RT. IKEDA	X X X DA 15. 1 06. 1 06. 1 06. 1	0. 0. 0.
COLD CORROSION SULPHUR D [JIS HYDROGEN [JIS COUN' 4 9 REMARK LUnless oth	IOXIDE C 60068-2-42 SULPHIDE C 60068-2-43 T DE	EXPOSED AT -40±3°C, 96 h. EXPOSED AT 35±2 °C 5% SALT FOR 96 h. EXPOSED AT 40±2 °C, RELATIVE 80±5%, 25±5 ppm FOR 96 h. EXPOSED AT 40±2 °C, RELATIVE 80±5%, 10 TO 15 ppm FOR 96 h. EXCRIPTION OF REVISIONS DIS-F-00000493	WATER SPRAE HUMIDITY E HUMIDITY DE R1	OF PA OF PA NO D OF PA Y ① CONT NO E AFFE CONT SIGNED T. IKEDA	AMAGE, CARTS. FACT RES AMAGE, CARTS. FACT RES VIDENCE CTS TO CONECTOR. PPROVED CHECKED DESIGNED DRAWN NO.	ISTANCE: 50 m\(\Omega MAX. \) CRACK AND LOOSENESS ISTANCE: 50 m\(\Omega MAX. \) OF CORROSION WHICH OPERATION OF CHECKED HS. SAKAMOTO ORI. TAKAYASU TN. KUWATA ORT. IKEDA	X X X X X DA 15.1 06.1 06.1 06.1 -02	0. 0. 0.

	SPECIFICATIONS				
	ITEM	TEST METHOD	REQUIREMENTS	QT	АТ
Z1\	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 ℃ FOR IMMERSION DURATION,	SHALL COVER A MINIMUM OF 95 % OF		
		2±0.5 sec.	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:Q	ualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.		ELC4-153887-02		
н	RS SPECIFICATION SHEET		PART NO.	FH28-*S-0. 5SH (05)			
11.0	HIROSE ELECTRIC CO., LTD.	CODE NO		CL586	Δ	2/2	