TO NC

COUNT	DESCRIPTION	OF REVIS	SIONS	BY	CHKD	DATE	-	COUNT	DE	SCRIPTION O	RIPTION OF REVISIONS		CHKD	DAT	ſΕ
							\triangle								
						\triangle									
APPLICABLE STANDARD															
						ORAGE MPERATURE RANGE -10°CTO 50°C(PACKED CONDITI					TION)				
RATING	OPE				OPER	RATING OR STORAGE RELATIVE HUMIDITY 90 MAX()				KNOT DE	-WED)				
RATING VOLTAGE			HUN				HUMI	MIDITY RANGE				quoi be	.,,		
CURRENT		Т	※ 0.5 A				APPL	PLICABLE CABLE t=0.3±0.05 , GOLD F				PLATI	PLATED		
	OOMALITI								(5.525.55 , 5522 .						
	<u> </u>					SPECIFIC	CAT	ION	IS.						
ļ	TEST METHOD					REQUIREMENTS				Тат	АТ				
	ITEM TEST METHOD REQUIREMENTS QT CONSTRUCTION								17.1.						
	XAMINATION	VISUALI	LY AND	BY N	IEASU	RING INSTR	UMEN	IT.	ACC	ORDING TO	DRAWING.			X	×
MARKING	CONFIRMED VISUALLY.						1					X	×		
ELECTRI	CHARACT	FERIST	ICS												
CONTACT	RESISTANCE	1 mA (DC OR 1000 Hz).							50 mΩ MAX.				×	×	
								INCLUDING FPC,FFC BULK RESISTANCE							
INSULATIO		100 V DC							(L=8mm)				-	 	
RESISTANO		100 V DC.							500 MΩ MIN.				×	×	
VOLTAGE F	ROOF	150	V AC	FOR 1	l min.				NO I	FLASHOVER	OR BREAKD	OWN.		X	×
	CAL CHAR								, -						
MECHANIC OPERATION		20 TIMES INSERTIONS AND EXTRACTIONS.						- 1	① CONTACT RESISTANCE: 50 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS				1 /	-	
OFLIGHTO	•								I –	OF PARTS.	, CICTOR AIND	LOOC	LINEOC	<u> </u>	-
VIBRATION	VIBRATION		FREQUENCY 10 TO 55 Hz, HALF AMPLITUDE 0.75 mm, FOR 10 CYCLES IN 3 DIRECTIONS.					1 ⁻				×	—		
		0.75 mm	i, FOF	R 10 C	YCLES	S IN 3DIR	ECII		,	μs. CONTACT RE	SISTANCE:	50 m	ιΩ ΜΑΧ		
SHOCK		981 m/s² DURATION OF PULSE 6 ms						③ NO DAMAGE, CRACK AND LOOSENESS					 		
		AT 3 TIMES IN 3 DIRECTIONS.						OF PARTS.					<u> </u>		
FPC RETEN	FPC RETENSION FORCE		MEASURED BY APPLICABLE FPC. (CONECTOR, FPC AT INITIAL CONDITION.						DIRECTION OF INSERTION: 0.4×n N MIN. (n: NUMBER OF CONTACTS)				×	—	
		1,	•			L BE t=0.30m			('' · · 1	NOWIDER OF	CONTACTO				
ENVIRON	MENTAL C								•						
RAPID CHA	TEMPERATURE-40-+15T0+35-+85-+15T0+35°C						• · · · · · · · · · · · · · · · · · · ·					1 /	_		
TEMPERATURE		TIME $30 \rightarrow 2 \text{ To } 3 \rightarrow 30 \rightarrow 2 \text{ To } 3 \text{ min.}$ UNDER 5 CYCLES.						② INSULATION RESISTANCE: 50 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS							
DAMP HEAT		EXPOSED AT 40±2 °C,						OF PARTS.					X	_	
(STEADY STATE)		RELATIVE HUMIDITY 90 TO 95 %, 96 h.						① CONTACT RESISTANCE: 50 mΩ MAX.				+ -			
DAMP HEAT, CYCLIC		EXPOSED AT -10 TO +65 °C, RELATIVE HUMIDITY 90 TO 96 %,							(1) CONTACT RESISTANCE: $50 \text{ m}\Omega$ MAX. (2) INSULATION RESISTANCE: $1 \text{ M}\Omega$ MIN.					1 ' '	-
		10 CYC								(AT HIGH	HUMIDITY)				
									③ INSULATION RESISTANCE: 50 MΩ MIN. (AT DRY)						
									(AT DRY) (AT DRY) (AT DRY) (AT DRY)					3	'
				WDOOFD AT OS J. O P OO J.					OF PARTS.				+		
			(POSED AT 85±2 °C, 96 h. (POSED AT -40±3 °C, 96 h.						② NO DAMAGE, CRACK AND LOOSENESS				3 L^`-		
COLD		EXPOSE	=DAI	-40±	3 ℃,	96 n.			•	OF PARTS.	OLUMOVICO.	4005		×	<u> </u>
EMARKS	•							RAWN		DESIGNED	CHECKED	APP	ROVED	RELE/	ASED
							D.Y	AMAL	DA	T.MURAI	7 Kunsta	PI	Luam		
						∩⊿	.06.1		04.06.10	717000000000	1-100	and the same of th			
Unless otherwise specified, refer to								.00. 1	10 04.06.10 104.06.11 04.06.14						
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test															
HS.	HIROSE ELECTRIC CO., LTD. SPECIFICATION SHEET FH12 -*(*)SA - 1SH (55)														
CODE NO.(O	.D)	Ţ	DRAWIN	IG NO.				c	ODE I			,			1/
CL		ELC4 – 150545 – 51						•		/2					

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TO NC

SPECIFICATIONS								
ITEM	TEST METHOD	REQUIREMENTS	QT	AT				
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 °C, RELATIVE HUMIDITY 80 ± 5 %, 25 ± 5 PPM FOR 96 h.	AFFECTS TO OPERATION OF CONNECTOR.	×	_				
HYDROGEN SULPHIDE [JIS C 0092]	EXPOSED AT 40±2 °C, 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.

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.	D.YAMADA 04.06.10	T.MURAI 04.06.10	T. Kuwata 104:06.11	R. Taksyven 04.06.14	
Note QT:Qualification Test AT:Assurance Test X:Applicable Te	st				<u> </u>

HIROSE ELECTRIC CO., LTD.

SPECIFICATION SHEET

CODE NO.

PART NO. FH12 -*(*)SA-1SH (55)

CODE NO.(OLD) DRAWING NO. CL

ELC4 - 150545-51

CL 586

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