COUNT	DESCRIPTION	OF REVIS	SIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF	REVISIONS	BY	CHKD	DAT	Ε.
$\overline{\wedge}$														
APPLICA	BLE STANI	DARD	\Box	<u></u>		<u> </u>	<u></u>							
VI	OPERATING		 	-40 °	<u>-</u> -	TO 85 °C			RAGE	-10°CTO 5	50°C()			TION
	TEMPERATURE		<u> </u>				<u> </u>		PERATURE RANGE RATING OR STORAGE					
RATING	VOLTAGE	<u> </u>		50) V	AC / DC			MIDITY RANGE	RELATIVE HUMI	IDITY 90	J%max(NOT DE	:WED)
	CURRENT	<u></u>		-	*	0.5 A		APPL	LICABLE CABLE	t=0.3±0	J.05, _/	GOLD F	PLATE	ED _
	001	<u></u>	Ь			SPECIFI	ı <u>CA</u> ⁻	LION	15		-	-		
11	EM			TES		THOD		110.		UIREMENT	TS		QT	AT
CONSTRU		<u> </u>		1	1 100-	.11100			-	OII 1.	-		1.7-	-
	EXAMINATION	VISUALI	LY ANI	D BY N	/IEASI	JRING INSTF	RUME	NT.	ACCORDING TO	DRAWING.	•		×	X
MARKING		CONFIRI							1				×	X
	C CHARACT												ئل	-
	C CHARACT		nA (DC	OR 1	non H	اح			50 mΩ MA	AX.			×	×
JUNIAGIA	(ESISTANCE)	' ' '	.i/1 (===	OIX.	JUC .	.).		,	INCLUDING FPC,I		NATAN(^E	^ !	^ !
								_ '	(L=8mm)	*FU BULK	lo in	,E	'	
INSULATION	N	100	0 V DC						500 MΩ MIN.				×	X
RESISTANC	CE								NO FLASHOVER OR BREAKDOWN.				_	
VOLTAGE P		l							NO FLASHOVEN	OK RKEWUP	OVVIN.		×	×
	ICAL CHAR											~ *44	т.,	·
MECHANICA		20 TIV	/IES IN:	SERTI	ONS A	AND EXTRAC	STION		① CONTACT RE ② NO DAMAGE,			nΩ MAX. SENESS	1 / 1	-
OPERATION	4							!	OF PARTS.	CRMONAINE	LUCC	EINEGE	,	<u> </u>
VIBRATION									1 NO ELECTRIC	CAL DISCONT	FINUIT	Y OF	×	_
V Her =						S IN 3 DIF		IONS.	1 μs.					
				~ ^ 7					② CONTACT RE					<u> </u>
SHOCK						F PULSE 6 ECTIONS.	ms	1	③ NO DAMAGE, OF PARTS.	CRACK AND	LOOU	ENESS	×	–
TOO DETEN	NSION FORCE								DIRECTION OF II	NSERTION:	0.4×n	N MIN.	+	_
FPU NE.E.	ISION I OILUL					IAL CONDITION	ON.	,	(n : NUMBER OF	4		•••		
						LL BE t=0.30r								
ENVIRON	MENTAL C	HARAC	TERI	STIC	S									
RAPID CHA	NGE OF	TEMPER		RE-40-	→+15T				① CONTACT RE				T×	Γ-
TEMPERAT	URE	TIME	· E		→ 2 TO	3 → 30→	2 то		② INSULATION I ③ NO DAMAGE,				.	
DAMP HEAT	 	UNDER		CYCLE					_(3) NO DAMAGE, OF PARTS.	CHAUN AIND) LUGG)ENECC	, ×	
DAMP HEA (STEADY S						O 95 %, 96	96 h.				-			
DAMP HEAT		EXPOSE	ED A	T -10	OT C	+65 °C,	-		① CONTACT RE			nΩ MAX.	1 /	_
	•	1				FO 96 %,			② INSULATION			IΩ MIN.		
		10 CYC	JLES, ₁	LOIAL	. 240 n	1.			(AT HIGH ③ INSULATION	HUMIDITY) RESISTANCE		40 MIN.		
									(AT DRY)					
ı									NO DAMAGE,	, CRACK AND) LOOS	3ENESS	,	
	 _								OF PARTS.	TOTALICE.		- TANY	+	
		EXPOSE	ED A I	85=	±2 °C,				① CONTACT RE ② NO DAMAGE,			nΩ MAX. SENESS	s ^`	
DRY HEAT	·	EXPOSE	ED AT	-40±	-3 °C,	96 h.			OF PARTS.			JL11-	×	<u> </u>
DRY HEAT							7	DRAWN	N DESIGNED	CHECKED	APPF	ROVED	RELEA	ASED
		<u> </u>					1			(1		
COLD	,										١	-	ţ	
COLD		<u> </u>					D.'.	YAMAI	DA T.MURAI	7. Kuwata	P.T.	hussen		
COLD	;	<u> </u>						YAMAI 4.06.0	DA T.MURAI 07 04.06.07	J.Knwata	R.7.	bayes		
COLD	s herwise spec	zified, re	∍fer to) JIS (C 54()2.			DA T.MURAI)7 04.06.07	T.Knwata '04.05.07	R.7.	shayan 54.57		
COLD EMARKS Unless oti	herwise spec						04		DA T.MURAI)7 04.06.07	T.Knwata '04.06.07	R.7.	ekayse 06.07		
COLD EMARKS Unless oti					st ×:A	Applicable Te	04 est	4.06.0	IPART N		R.7.	skaysen 06.07		
COLD EMARKS Unless oti	herwise spec	st AT:As	ssuranc	ce Test	st ×:A		04 est	4.06.0	PARTN	NO.	1 0 / 5	701.7		 55)
EMARKS Unless oth	herwise spec Qualification Tes HIROSE EL	st AT:As	ssuranc	ce Test	st ×:A	Applicable Te	04 est	4.06.0 ON S	PARTN		1 0 / 5	701.7		<u></u> 55)
COLD EMARKS Unless oti	herwise spec Qualification Tes HIROSE EL	st AT:As	SSURANC C CO.,	ce Test	SF	Applicable Te	o ₄ est ATIC	4.06.0 ON S	SHEET FH1	NO.	*S-	701.7		55) 1/2

	SPECIFICATION	IS		
ITEM	TEST METHOD	REQUIREMENTS	QT	ΑT
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 \pm 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
	D.YAMADA	T.MURAI	T. Kuwata	R. Takayam	
Unless otherwise specified, refer to JIS C 5402.	04.06.07	04.06.07	104.06.07	04.06.07	
Note OT Qualification Test AT:Assurance Test X:Applicable T	 est			07.08.07	

SPECIFICATION SHEET HIROSE ELECTRIC CO., LTD.

PART NO. FH12S -* *S - 0.5SH (55)

DRAWING NO. CODE NO. CODE NO.(OLD) ELC4 - 153313-51 CL 586 CL