APPLICA	BLE STANI	DARD									
	OPERATING TEMPERATURE RANGE		-40 °C TO 85 °C STORAGE T			TURE DRAGE	-10 °C TO 50 °C (PACKED CONDITION)			N)	
RATING	VOLTAGE		50 V AC	: / DC	HUMIDITY	RANGE	374	RELAT	TVE HUMIDITY $90\%$ MAX (NOT	DEWE	ED)
	CURRENT		0.5 A ( <b>n</b>	ote)	APPLICA	ABLE CABLE			0.3±0.05mm, GOLD PLA		
			•	SPECIF		IONE	(0	3ND F	PLATE: t=0.5±0.05mm, TIN	PLATI	ING)
		1			-ICA I	IONS			DEMENTO	T 0.T	Τ.,
CONSTR	EM		TEST MI	ETHOD			K	EQUI	REMENTS	QT	ΙAΤ
		VISUALL	AND BY MEASU	RING INSTE	RUMENT.	ACCO	RDING TO	D DRA	AWING.	×	×
		CONFIRM	MED VISUALLY.							×	×
ELECTRI	IC CHARA	CTERIS	TICS			•					
VOLTAGE PI			150 V AC FOR 1 min.					ROR	BREAKDOWN.	×	×
INSULATION RESISTANC		100 V DC				500 Ms	Ω MIN.			×	×
		AC 20 m\	/ MAX ( 1 KHz ) ,	1 mA .		100 ms	Ω MAX.			×	<del> </del> ×
							INCLUDING FFC BULK RESISTANCE (L=8mm)				
MECHAN	IICAL CHA	_				<u>'</u>					
0.75 mn		0.75 mm,	REQUENCY 10 TO 55 Hz, HALF AMPLITUDE 75 mm, — m/s <sup>2</sup> FOR 10 CYCLES IN			μ <b>s</b> .	'			×	[=
SHOCK 981 m/s <sup>2</sup>		ECTIONS. n/s <sup>2</sup> , DURATION OF PULSE 6 ms TIMES IN 3 DIRECTIONS.				<ul> <li>② CONTACT RESISTANCE: 100 mΩ MAX.</li> <li>③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.</li> </ul>					
			ES INSERTIONS AND EXTRACTIONS.			2 NO	① CONTACT RESISTANCE: 100 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	<u> </u>
1		(THICKNE	SURED BY APPLICABLE FPC. CKNESS OF FFC SHALL BE t=0.30mm NITIAL CONDITION.)				DIRECTION OF INSERTION: 0.3N×n MIN.			×	-
ENVIRO	MENTAL	1	CTERISTICS	;							1
TEMPERATURE TIME		TIME	IPERATURE-40→+15TO+35→+85→+15TO+35°C E $30$ → $2$ ~3 → $30$ → $2$ ~3 min DER 5 CYCLES.			nin ② INS	CONTACT RESISTANCE: 100 mΩ MAX.     INSULATION RESISTANCE: 50 MΩ MIN.     NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	-
DAMP HEAT EXF			EXPOSED AT 40±2°C,							×	†-
(STEADY ST		RELATIVE HUMIDITY 90 TO 95 %, 96 h.  EXPOSED AT -10 TO +65 °C.			① COI	① CONTACT RESISTANCE: 100 mΩ MAX. ② INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) ③ INSULATION RESISTANCE: 50 MΩ MIN. (AT DRY) ④ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	+	
REI		RELATI	RELATIVE HUMIDITY 90 TO 96 %, 10 CYCLES,TOTAL 240 h.						② INS (/- ③ INS (/- ④ NO	×	
DRY HEAT		EXPOSE	EXPOSED AT 85±2 °C, 96 h.			1~	① CONTACT RESISTANCE: 100 mΩ MAX.			×	1-
COLD		EXPOSED AT -40±3°C, 96 h.			I	© NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	-	
COUN	T DE	ESCRIPTION	ON OF REVISIONS	;	С	ESIGNED			CHECKED	D/	ATE
<u> </u>											
REMARK				<b>⊢</b>		APPROVED MO. ISHIDA		10.11.10			
							CHECK			10.11.09	
Unless otherwise specified re			forto IIC C E41	າວ			DRAWN SJ. OKAMURA		SJ. OKAMURA	10. 11. 08	
Unless otherwise specified, refer to JIS C 5402.					51.04.45000				11.08		
Viota OT:O	Note QT:Qualification Test AT:Assurance Test X:Applicable Test  SPECIFICATION SHEET				DRAWING NO. ELC4-1589  PART NO. FH41-40S-0. 5SH		CLU4-13896/	-U I			
Note QT:QL		ם ברובי	CATION SU			ART NO		FΗ	41-40S-0 5SH (05	)	

	SPECIFICATIO	NS			
ITEM	TEST METHOD	REQUIREMENTS	QT	АТ	
CORROSION SALT MIST	EXPOSED AT $35\pm2^{\circ}\text{C}$ , $5$ % SALT WATER SPRAY FOR 96 h.	<ol> <li>CONTACT RESISTANCE: 100 mΩ MAX.</li> <li>NO EVIDENCE OF CORROSION WHICH AFFECTS TO OPERATION OF</li> </ol>	×	_	
SURPHUR DIOXIDE [JIS C 0090]	EXPOSED AT 40±2 °C , RELATIVE HUMIDITY 80±5% ,25±5 PPM FOR 96 h.	CONNECTOR.  ③ NO DAMAGE, CRACK AND LOOSENESS  OF PARTS.	×	_	
HYDROGEN SULPHIDE [JIS C 0092]	/DROGEN SULPHIDE EXPOSED AT 40±2 °C , RELATIVE HUMIDITY  [JIS C 0092] 80±5% ,10 ∼ 15 PPM FOR 96 h.				
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 245 $\pm 5  ^{\circ}\text{C}$ FOR IMMERSION DURATION, 2 $\pm 0.5  \text{sec.}$	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	×	_	
RESISTANCE TO SOLDERING HEAT	1) REFLOW SOLDERING PEAK TMP. 250 °C MAX . REFLOW TMP. 230 °C MIN FOR 60 sec. 2) SOLDERING IRONS : TMP. 350±10°C FOR 5±1 sec .	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	×	_	

## (note)

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.

Note QT:Q	ualification Test AT:Assurance Test X:Applicable Test	DRAWIN	IG NO.	ELC4-158967-01			
HRS	SPECIFICATION SHEET		T NO. FH41-40S-0. 5SH (05)				
	HIROSE ELECTRIC CO., LTD.	CODE NO	CL580	-2205-3-05	Δ	2/2	