APPLICAB	LE STAND	DARD									
OPERATING					STORAGE						
	TEMPERATURE RANGE		-55 °C TO 85 °C ⁽¹⁾		TEMPERATURE RANGE				-10 °C TO 60 °C ⁽²⁾		
RATING	VOLTAGE		100 V AC		OPERATING HUMIDITERANGE STORAGE HUMIDITY				40 % TO 80 %		
CURRENT		0.5 A RAN				IGE 40 % TO 70 % ⁽²⁾					
		SPECIFICATION				S					
ITE	M		TEST METHOD				REG	UIRE	MENTS	QT	AT
CONSTRU	CTION										
GENERAL EX	AMINATION	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.					×
MARKING		CONFIRMED VISUALLY.									×
		ACTERISTICS				T					
CONTACT RESISTANCE		,				50 mΩ MAX .				×	_
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		20 mV MAX, 1 mA(DC OR 1000Hz)				60 mΩ MAX.				×	_
INSULATION		250 V DC.				100 MΩ MIN.					
RESISTANCE		300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.					_
VOLTAGE PR				NO FLAS	SHUVER	OK RKE	EAKDOWN.	×	_		
MECHANICAL CHARACTERISTICS								00 NI MAN			
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR				INSERTION FORCE : 32 N MAX WITHDRAWAL FORCE : 4 N MIN				×	_
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.				CONTACT RESISTANCE: 60 mΩ MAX. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				×	_
VIBRATION		FREQUENCY 10 TO 55 Hz, AMPLITUDE: 0.75 mm,				NO ELECTRICAL DISCONTINUITY OF 1 μs. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					_
SHOCK		AT 10 CYCLES FOR 3 DIRECTIONS. 490 m/s², DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.									-
ENVIRONI	MENTAL C			110.							
DAMP HEAT		HARACTERISTICS EXPOSED AT 40 ± 2 °C, 90 \sim 95 %, 96 h.				① CON	TACT RE	SISTAN	ICE: 60 mΩ MAX.	×	_
(STEADY STATE)		LAPOSED A1				② INSULATION RESISTANCE: 100 MΩ MIN.					
RAPID CHANGE OF TEMPERATURE		TEMPERATURE-55 \rightarrow +15 \sim +35 \rightarrow +85 \rightarrow +15 \sim +35 $^{\circ}$ C TIME 30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3 min UNDER 5 CYCLES.				③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					-
DRY HEAT		EXPOSED AT 85 °C, 96 h.				 ① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PART 				×	_
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				① CONTACT RESISTANCE: 60 mΩ MAX.② NO HEAVY CORROSION.				×	-
SULPHER DIOXIDE		EXPOSED IN 10 PPM FOR 96 h.								×	_
		(TEST STANDARD: JEIDA-39)									
RESISTANCE TO SOLDERING HEAT SOLDRABILITY		1) SOLDER BATH:SOLDER TEMPERATURE,				NO DEFORMATION OF CASE OF EXCESSIVE				×	_
		260 $\pm5^{\circ}$ C FOR IMMERSION, DURATION, 10 \pm 1s. 2) SOLDERING IRONS : 360°C FOR 5 s MAX.				LOOSENESS OF THE TERMINAL.					_
		OOLDEDED AT OOLDED TEMPER AT USE				A NIEVACI	INIEODMA	O ATINI	2 OF SOLDER CUALL		
POLDKABILITY		SOLDERED AT SOLDER TEMPERATURE 240 $\pm 5^{\circ}\!$				A NEW UNIFORM COATING OF SOLDER SHALL OVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.				×	-
COUN	IT [DESCRIP	TION OF REVISIONS		DESI	GNED			CHECKED		ATE
DEMARK (1)	TEMPED : T: :=	E RISE INCLUDED WHEN ENERGIZED. E INDICATES A LONG-TERM STORAGE STATE SED PRODUCT BEFORE THE BOARD MOUNTED.				APPROVE CHECKEI DESIGNE		<u>,</u>			
								_	HS.OKAWA		10.06
								_	HS.OZAWA	06.10.0	
.								_	KY.NAKAMURA	06.10.06	
Unless otherwise specified,			,			DRAWN			AK.SUZUKAWA	I	
Note QT:Qua	alification Test	AT:Assurance Test X:Applicable Test			DRAWING NO.			ELC4-151519-21			
HRS	SPECIFICATION SHEET				PART NO.			FX5-40S2A-DSAL (71			
	HIF	HIROSE ELECTRIC CO., LTD.			CODE NO.		CL	CL575-0125-0-71			1/1