APPLICA	BLE STAN	DARD									
OPERATING			- FE 00 TO 05 00(1)			STORAGE			-10 °C TO 60 °C ⁽²⁾		
RATING	TEMPERATURE RANGE		-55 °C TO 85 °C ⁽			MPERATURE RANGE ERATING HUMIDITY		+	-10°C 10 60°C	, /	
	VOLTAGE		100 V AC	100 V AC R		ANGE			40 % TO 80 %		
	CURRENT				STO RAN	ORAGE HUMIDITY			40 % TO 70 % ⁽²⁾		
			SPECIFICATIONS								
IT	EM		TEST METHOD				REQUIREMENTS				АТ
CONSTRUCTION											
		VISUALL	VISUALLY AND BY MEASURING INSTRUMENT.				DING TO	DRA	WING.	X	×
MARKING		CONFIRM	CONFIRMED VISUALLY.							X	×
ELECTRIC	CAL CHAR	ACTERIS	ACTERISTICS								
CONTACT RESISTANCE		,				50 mΩ MAX .				×	-
CONTACT RESISTANCE MILLIVOLT LEVEL		20 mV MAX, 1 mA(DC OR 1000Hz)				60 mΩ MAX.					-
METHOD											
INSULATION		250 V DC.				100 ΜΩ ΜΙΝ.					
RESISTANCE		250 1 25.				TOO WIZZ WITH.				×	_
VOLTAGE P		300 V AC FOR 1 min.				NO FLA	SHOVER	ORI	BREAKDOWN.	X	_
MECHANICAL CHARACTERISTICS											
INSERTION	AND	MEASURED BY APPLICABLE CONNECTOR				INSE	RTION F	ORC	E : 54.4 N MAX	×	_
WITHDRAWAL FORCES						WITH	IDRAWA	L FO	RCE : 6.8 N MIN		
MECHANICA	٩L	500 TIM	500 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 60 mΩ MAX.				
OPERATION						② NO DAMAGE, CRACK AND LOOSENESS					
MBDATICN		EDEOUE	NOV 40 TO EE II-				ARTS.	OAL F	NOONTINUUTY OF		
VIBRATION		FREQUENCY 10 TO 55 Hz, AMPLITUDE: 0.75 mm,				1 μs.	LECTRI	CALL	DISCONTINUITY OF	×	_
		I .	AT 10 CYCLES FOR 3 DIRECTIONS.				© NO DAMAGE, CRACK AND LOOSENESS				
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms				-	ARTS.	,		×	_
			AT 3 TIMES FOR 3 DIRECTIONS.								
ENVIRON	IMENTAL C	CHARAC	TERISTICS								
DAMP HEAT		EXPOSED AT 40 ± 2 °C, $90\sim95$ %, 96 h.				① CONTACT RESISTANCE: 60 mΩ MAX.					_
(STEADY ST		TEMPER	TEMPERATURE SS 145 105 145 10510				② INSULATION RESISTANCE: 100 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS				
TEMPERAT		TIME	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				OF PARTS.				_
		UNDER 5 CYCLES.					,				
DRY HEAT		EXPOSED AT 85 °C, 96 h.				① CONTACT RESISTANCE: 60 mΩ MAX.				×	-
						② NO DAMAGE, CRACK AND LOOSENESS					
COBBOSION	U CALT MICT	EVDOSE	EXPOSED IN 5 % SALT WATER SPRAY FOR				OF PART				
CORROSION SALT MIST		48 h.				① CONTACT RESISTANCE: 60 mΩ MAX. ② NO HEAVY CORROSION.					_
SULPHER DIOXIDE		EXPOSED IN 10 PPM FOR 96 h.				We he				×	-
		,	(TEST STANDARD: JEIDA-39)								
RESISTANCE TO SOLDERING HEAT		1) SOLDER BATH:SOLDER TEMPERATURE,				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINAL.					-
			260±5°C FOR IMMERSION, DURATION, 10±1s. 2) SOLDERING IRONS : 360°C FOR 5 s MAX.				IESS OF	iHE l	ERIVIINAL.	×	_
		2) SOLUI								^	_
SOLDRABILITY		SOLDER	SOLDERED AT SOLDER TEMPERATURE 240 ±5°C FOR IMMERSION DURATION, 3 s.				A NEW UNIFORM COATING OF SOLDER SHALL				-
		240 ±5°					OVER A MINIMUM OF 95 % OF THE SURFACE				
		1				BEING IN	/IMERSE	D.			
	- 1	1		1			Т				
COU	INT	DESCRIP	TION OF REVISIONS		DES	SIGNED			CHECKED		ATE
			ISE INCLUDED WHEN ENERGIZED. DICATES A LONG-TERM STORAGE STATE			APPROVE					
									HS.OKAWA	06.	10.17
FOR THE UNUSED PROD			ODUCT BEFORE THE BOARD MOUNTED.			CHECKEI DESIGNEI		KED	HS.OZAWA	06.10.17 06.10.17	
								NED	KY.NAKAMURA		
Unless otherwise specified, re			efer to JIS C 5402			DRAWN			AK.SUZUKAWA	06.10.17	
Note QT:Qualification Test AT:Assu			urance Test X:Applicable Test			DRAWING NO.			ELC4-151417-21		
HS		SPECIF	ICATION SHEET	TION SHEET		RT NO.		FX5-68S2A-DSA (71)			
11/2	HI	ROSE E	ELECTRIC CO., LTD.				CL575-0108-0-71			<u> </u>	1/1
EORM HDOO1							727.0 31.00 3 71 723				