APPLIC	ABLE STANI	DARD								
OPERATING			FF 00 TO 0F	o <b>o</b> (1)	STORAGE			40 -0 TO 00	-0(2)	
	TEMPERATURE RANGE		-55 °C TO 85 °C <sup>(1)</sup>		TEMPERATURE RANG			-10 °C TO +60	) °C (2)	
	OPERATING HUMIDITY RANGE		40 % <b>TO</b> 80 9	%	HUMIDITY RA	NGE		40 % <b>TO</b> 70	% <sup>(2)</sup>	
	VOLTAGE		200 V AC		APPLICABLE CABLE		.E	_		
CURI		NT	2 <b>A</b>		INSULATION			_		
			SPEC	ONS						
ITEM			TEST METHOD			F	EQU	IREMENTS	QT	ΑT
CONSTRUCT	ION									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.				×	×
MARKING		CONFIRMED VISUALLY.							×	×
ELECTRIC (	CHARACTERIS									
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).				15 mΩ MAX .				_
INSULATION RESISTANCE		500 V DC			1000	1000 MΩ MIN.				-
VOLTAGE PROOF		650 V AC FOR 1 min.			NO FLA	NO FLASHOVER OR BREAKDOWN.				_
MECHANICAL CHARACTERISTI										
MECHANICAL OPERATION		100 TIMES INSERTIONS AND EXTRACTIONS.			2) NO [	1) CONTACT RESISTANCE: 20 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				-
VIBRATION		FREQUENCY 10 TO 55 Hz, AMPLITUDE : 1.5 mm, 2 h IN 3 DIRECTIONS.			1) NO I	1) NO ELECTRICAL DISCONTINUITY OF 1 µs. 2) NO DAMAGE. CRACK AND LOOSENESS OF				-
SHOCK		490 m/s <sup>2</sup> , DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS.			PAR	PARTS.				_
ENVIRONME	NTAL CHARAC								1	
		EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.				1) CONTACT RESISTANCE: 20 mΩ MAX.				<b>—</b>
(STEADY STATE)		TEMPERATURE				2) INSULATION RESISTANCE: 1000 MΩ MIN.  3) NO DAMAGE. CRACK AND LOOSENESS OF				
RAPID CHANGE OF TEMPERATURE		TEMPERATURE  -65 → +15 TO +35 → +125 → +15 TO +35 °C				PARTS.			×	-
TEM ENTITIONE		TIME								
		$30 \rightarrow 10 \text{ TO}  15 \rightarrow 30 \rightarrow 10 \text{ TO}  15 \text{ min.}$ UNDER 5 CYCLES.								
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				1) CONTACT RESISTANCE: 20 mΩ MAX. 2) NO HEAVY CORROSION.				<b>—</b>
SULPHUR DIOXIDE		EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD: JEIDA - 39)			2) NO 1					_
RESISTANCE TO		1) SOLDER BATH: SOLDER TEMPERATURE,				NO DEFORMATION OF CASE OF EXCESSIVE				<b>—</b>
SOLDERING HEAT		260±5°C FOR IMMERSION, DURATION, 10±1s.  2) SOLDERING IRONS : 350°C FOR 3 s MAX.			LOOSE	LOOSENESS OF THE TERMINALS.				
		2) SULDERING IRONS . 350 C FOR 3 S MAX.								_
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 245±3°C, FOR IMMERSION DURATION, 2 s.			l l	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF				_
		FUR IMMERSIUN DUKATIUN, Z S.				THE SURFACE BEING IMMERSED.				
COUNT		DESCRIPTION OF REVISIONS			DESIGNED			CHECKED		ΙΤΕ
REMARK (1) TEI	MDEDATIBE DI	SE INCLUDED WHEN ENERGIZED.				APPRO\		HS. OKAWA		6. 04
` ′		NDICATES A LONG-TERM STORAGE STATE				CHECK		HT. YAMAGUCHI		6. 04
		PRODUCT BEFORE THE BOARD MOUNTED.				DESIGNED		MT. ITANO		6. 04
			fied, refer to MIL-STD-1344.			DRAW	N	MT. ITANO	15.0	6. 04
Note QT:Qu Test	ualification	Test A	T:Assurance Test X:App	licable	DRAWING	DRAWING NO.		ELC-080142-71-21		
HS		SPECIFICATION SHEET			PART NO.			A4B-4PA-2DS (71)		
HIROSE FORM HD0011-2-1			ECTRIC CO., LTD.	(	CODE NO.	DE NO. CL62		22-0353-7-71		1/1