APPLICA	BLE STAN	DARD									
	OPERATING	DE DANIOE	55 °C TO 95 °C (1)			STORAGE TEMPERATURE RANGE			-10 °C TO 60 °C Ø		
RATING	TEMPERATURE RANGE		-55 °C TO 85 °C (¹)				HUMIDIT		-10 -0 10 60 %		
	VOLTAGE		200 V AC		RAN		GE		40 % TO 80 %.		
	CURRENT		1 A		I	STORAGE HUI RANGE		Y	40°C TO 70°C®		
	JOOTHICETTI		SPECIFICATION			1GL					
ITEM			TEST METHOD			REQUIREMENTS				Тот	TAT
CONSTRUCTION			LEST METHOD			REQUIREMENTS				Q1	141
		IVISUALL	Y AND BY MEASURING IN	STRUMI	ENT.	TACCO	RDING T	O DRAV	WING	T ×	T ×
MARKING			CONFIRMED VISUALLY.								×
ELECTRIC CHARACT		TERISTICS									
CONTACT RESISTANCE		,				15 mΩ MAX.				×	
INSULATION RESISTANCE		500 V DC				1000 MΩ MIN.				×	
VOLTAGE PROOF		650 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				×	
MECHAN	ICAL CHAF	ACTERISTICS									
CONTACT INSERTION AND EXTRACTION FORCE		\square 0.5 \pm 0.002mm BY STEEL GAUGE.				INSERTION FORCE: 2.45 N MAX. > EXTRACTION FORCE: 0.25 N MIN.					
MECHANICA OPERATION	-	100 TIMES INSERTIONS AND EXTRACTIONS.				①CONTACT RESISTANCE: 20 mΩ MAX. ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				×	
VIBRATION		AMPLITU	FREQUENCY 10 TO 55 Hz, AMPLITUDE : 1.5 mm,				①NO ELECTRICAL DISCONTINUITY OF 1 μs.				
SHOCK		2 h IN 3 DIRECTIONS. 490 m/s², DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS.				©NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				×	
ENVIRON	IMENTAL C	CHARAC	TERISTICS							-	
DAMP HEAT		EXPOSED AT 40 \pm 2 °C, 90 \sim 95 %, 96 h.				①CONTACT RESISTANCE: 20 mΩ MAX. ×					
(STEADY STATE) RAPID CHANGE OF		TEMPERATURE-65→+15∼+35→+125→+15∼+35°C				4 -			TANCE:1000 MΩ MIN.		
TEMPERATURE		TIME $30 \rightarrow 10 \sim 15 \rightarrow 30 \rightarrow 10 \sim 15$ min. UNDER 5 CYCLES.				©NO DAMAGE, CRACK AND LOOSENESS × OF PARTS.					
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				\bigcirc CONTACT RESISTANCE: $20~\text{m}\Omega$ MAX. \bigcirc NO HEAVY CORROSION.				×	
SULPHUR DIOXIDE		EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD: JEIDA - 39)									
SOLDERING HEAT		1) SOLDER TEMPERATURA : 260 ± 5 °C, FOR IMMERSION, DURATION : 10 ± 1s.				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.				×	
		2) SOLDERING IRONS : 350 °C, FOR 3 s MAX								×	
SOLDERABILITY		245°C,	SOLDERED AT SOLDER TEMPERATURE, 245°C, FOR IMMERSION DURATION, 2 s.				A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.				
COUN	IT D	ESCRIPTION	ON OF REVISIONS		DESIG	SNED			CHECKED		TE
<u> </u>			E RISE INCLUDED WHEN ENERGIZED. INDICATES A LONG-TERM STORAGE STATE								
						APPR CHEC)9.03)9.02
FOR THE UNUSED PROD			DUCT BEFORE THE BOARD MOUNTED.			DESIGNED		- 	TH.NODA	05.09.02	
Unless otherwise specified, re			efer to MIL-STD-1344.			DRAWN			TH.NODA	05.09.02	
	•		urance Test X:Applicable Test			PRAWING NO.			ELC4-071015-21		
HS	S	SPECIFICATION SHEET			PART	Г NO.	NO. A3D-44DA-2DSE (7		-44DA-2DSE (71))	
1173	HIF	HIROSE ELECTRIC CO., LTD.			CODE	E NO.	CL621-0766-0-71 🛕 1/1				1/1