APPLICABLE STANDARD

	-	OPERATING TEMPERATUR	E RANGE	-45 °C TO +125 °C(NO		STOR/		IRE RANGE	-10	-10 °C TO + 60 °C(NOTES 2)			
RATIN	G	VOLTAGE	50 V AC		APF		ARIE	CONNECTO	DF	DF12#(3.0) -*DS-0.5			
		CURRENT	0.3 A				JADLL	CONNECTO		12#(3.0)-*DS-0.	5V (86))	
				SPEC	IFICATI	ONS	3						
ITEM			TEST METHOD				REQUIREMENTS					АТ	
CONST	ΓRU	CTION											
GENERAL EXAMINATION			VISUALLY AND BY MEASURING INSTRUMENT.				CCORD	ING TO DRA	WING.		X	X	
MARKING			CONFIRMED VISUALLY.								Х	Х	
ELECT	RIC	CHARAC	TERIST	ICS									
CONTACT RESISTANCE			100 m A (DC OR 1000 Hz).				50 mΩ MAX.				X		
INSULATION RESISTANCE			100 V DC			50	500 ΜΩΜΑΧ				X	—	
VOLTAGE PROOF			150 V AC FOR 1 min.			N	NO FLASHOVER OR BREAKDOWN.				X	_	
MECH/	ANIC	CAL CHAR	ACTER	ISTICS									
INSERTION AND WITHDRAWAL FORCES			MEASUF	NECTOR.		8	10 14 20 30 32 36 40 50 60	NSERTION FORCE (N)MAX 19.8 21.3 23.4 27.0 27.6 29.0 30.6 34.2 38.0	FORCE (N)MIN 1.5 2.1 2.6 3.4 3.6 4.0 4.2 5.0 6.0	X	_		
MECHANICAL OPERATION			50 TIMES INSERTIONS AND EXTRACTIONS.					80 ACT RESIST.		$\frac{7.4}{\text{m}\Omega}$ MAX. SENESS OF PARTS.	X	-	
VIBRATION			FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUE			E () NO EL	ECTRICAL D	X	_			
SHOCK			0.75 mm, AT 2 h, FOR 3 DIRECTIONS. 490 m/s ² DURATION OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTIONS.			IES ①	NO DAMAGE, CRACK OR LOOSENESS OF PARTS. NO ELECTRICAL DISCONTINUITY OF 1 µs. NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					-	
ENVIR		MENTAL C		TERISTICS									
RAPID CHANGE OF TEMPERATURE			TEMPERATURE -65 →15 TO 35 → 125 → 15 TO 35 °C			°C (I) CONT.	ACT RESIST.	ANCE: 50 n	ıΩ MAX.	Тх		
			TIME 30 → 10 TO 15 → 30 → 10 TO 15 min				② INSULATION RESISTANCE: 500 MΩ MIN.				^ `		
			UNDER 5 CYCLES. EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.				③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS. ① CONTACT RESISTANCE: 50 mΩ MAX.				+	_	
(STEADY STATE)			EM GOLD AT 40 ± 2 0, 30 10 33 70, 30 II.			2	② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.						
CORROSION SALT MIST			EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.				① CONTACT RESISTANCE: 50 mΩ MAX. ② NO HEAVY CORROSION.				X	_	
SULPHUR DIOXIDE			EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD:JEIDA-39)			1 -	① CONTACT RESISTANCE: 50 mΩ MAX. ② NO HEAVY CORROSION.				X	-	
HEAT RESISTANCE OF SOLDERING			[RECOMMENDED TEMPERATURE PROFILE] «SOLDERING AREA» MAX250°C, 220° FOR 60 SECONDS MAX. «PREHEATING AREA» 150 TO 180°C 90∼120 SECONDS. MAXIMUM TWICE ACTION IS ALLOWED UNDER THE SAME CONDITION. [RECOMMENDED MANUAL SOLDELING CONDITION] SOLDERING IRON TEMPERATURE 350°C SOLDERING TIME: WITHIN 3 SECONDS.			HE L	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.				X	_	
NOTE2:ST AP	CLUE ORA PPLY	GEIS DEFINED OPERATION T	AS LONG EMPERATI	ERISE BY CURRENT. -TERM STORAGE OF UNUSED JRE RANGE TO PRODUCTS MO ER TO JIS C 5402.			ITHOU'	T POWER	SUPLLY.				
	UNT	IT DESCRIPTION OF REVISIONS DES				ESIGN	GNED CHECKED					TE	
△													
									APPROVED MO.NAKAMURA		06.0		
								CHECK		TS.MIYAZAKI	+	1.27	
			Ţ					DESIGN	_	YH.MICHIDA		1.27	
								DRAW	N	HK.MURAKAMI		1.27	
Note Q								IG NO.	100 (2	ELC4-163508-09			
R	5		PECIFICATION SHEET			PART NO				2D (3. 0) -*DP-0. 5V (8		4	
		HIR	OSE ELECTRIC CO., LTD.			CODE NO.		CL537		3 <i>1</i>	Δ	1/1	