APPLICA	BLE STAND	DARD										
RATING	OPERATING TEMPERATURE RANGE		-45 °C TO +125 °C (NOTE:	TES 1) STORAGE TEMPERATURE RANGE			E	-10 °C TO + 60 °C (NOTES 2)				
1011110	VOLTAGE CURRENT		0.3 A			ICABLE CONNECTOR			DF12#-*DS-0. 5V (81) DF12#-*DS-0. 5V (86)			
			SPECIF	ICATIO	NS							
IT	ΓEM		TEST METHOD			REC	UIR	EMENTS		QT	AT	
CONSTRUCTION												
GENERAL EX	AMINATION		AND BY MEASURING INSTRUMEN	NT.	ACCOR	DING TO DRA	AWING	3.		Χ	X	
MARKING		CONFIRM	IED VISUALLY.							X	Х	
_	C CHARAC	_										
		100 m A (DC OR 1000 Hz).			50 mΩ l	50 mΩ MAX.					-	
INSULATION RESISTANCE		100 V DC			500 M Ω	500 M Ω MAX					_	
VOLTAGE PROOF		150 V AC FOR 1 min.			NO FLA	NO FLASHOVER OR BREAKDOWN.					_	
MECHAN	ICAL CHAF	RACTER	ISTICS		ı							
_	INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.					SERTION				
WITHDRAWA				<u> </u>	A PIN	COUNT		ORCE N)MAX	FORCE (N)MIN			
						20		23.4	2.6			
								27.0	3.4			
								29.0	4.0	_		
								30.6	4.2			
						50 60		34.2 38.0	5.0 6.0	_		
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.			_	TACT RESIS	TANCI	E: 50 mΩ N	MAX.	X	 	
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.				 2 NO DAMAGE, CRACK OR LOOSENESS OF PARTS. ① NO ELECTRICAL DISCONTINUITY OF 1 μs. 2 NO DAMAGE, CRACK OR LOOSENESS OF PARTS. ① NO ELECTRICAL DISCONTINUITY OF 1 μs. 					+-	
SHOCK			IRECTIONS.	AI 3 IIIVIES	- 1				SS OF PARTS.	X	-	
ENVIRON	IMENTAL C	HARAC	TERISTICS									
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -65 →15 TO 35 → 125 → 15 TO 35 °C (1) CONTACT RESISTANCE: 50 mΩ								X	_	
		TIME $30 \rightarrow 10 \text{ TO } 15 \rightarrow 30 \rightarrow 10 \text{ TO } 15 \text{ min}$ UNDER 5 CYCLES.				② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.						
DAMP HEAT		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			_	CONTACT RESISTANCE: 50 mΩ MAX. INSULATION RESISTANCE: 500 MΩ MIN. NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					T -	
(STEADY STATE)					_							
CORROSION SALT MIST					① CON	① CONTACT RESISTANCE: 50 mΩ MAX. ② NO HEAVY CORROSION.					-	
SULPHUR DIOXIDE		EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD:JEIDA-39)			_	① CONTACT RESISTANCE: 50 mΩ MAX. ② NO HEAVY CORROSION.					-	
HEAT RESISTANCE OF SOLDERING		[RECOMMENDED TEMPERATURE PROFILE] «SOLDERING AREA» MAX250°C, 220°C 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.				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.					_	
NOTE2:STOR APPL	AGEIS DEFINE Y OPERATION	IPERATURI D AS LONG FEMPERAT	E RISE BY CURRENT. -TERM STORAGE OF UNUSED PR URE RANGE TO PRODUCTS MOUN ER TO JIS C 5402.	ODUCTS.	в WITHO	OUT POWER	R SUF	PLLY.		1		
COUN	IT DI	ESCRIPTI	SCRIPTION OF REVISIONS DE		SIGNED			CHEC	DA	ATE		
1		DIS-	D1S-H-00003088 SH. He		OSODA		TS. MIYAZAKI		'AZAK I	17. (09. 29	
						APPROV	/ED	MO.	NAKAMURA	06.0	01. 31	
						CHECKED DESIGNED		TS.	MIYAZAKI			
								YH.	MICHIDA	06. (01. 31	
		1				DRAWN		HK.	MURAKAMI			
Note QT:Q	ualification Te	st AT:Assurance Test X:Applicable Test			DRAWING NO.			ELC4-163517-09				
HS.	S	PECIFI	CATION SHEET	ION SHEET PAR		NO. DF1		2D (4. 0) -*DP-0. 5V (81)				
717	HIR	HIROSE ELECTRIC CO., LTD.			E NO.	NO.		CL537			1/1	