

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					
APPLICABLE STANDARD											
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO 85 °C(NOTE 1)			STORAGE TEMPERATURE RANGE	-10°C TO 60 °C					
	VOLTAGE	250 V AC			OPERATING HUMIDITY RANGE						
	CURRENT	3 A			APPLICABLE CONNECTOR						
SPECIFICATIONS											
ITEM	TEST METHOD				REQUIREMENTS				QT	AT	
CONSTRUCTION											
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				<input type="radio"/>	<input type="radio"/>	
MARKING	CONFIRMED VISUALLY.								<input type="radio"/>	<input type="radio"/>	
ELECTRIC CHARACTERISTICS											
CONTACT RESISTANCE	100mA (DC OR 1000 Hz).				30 mΩ MAX.				<input type="radio"/>	—	
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX. mA(DC OR 1000 Hz).				mΩ MAX.				—	—	
INSULATION RESISTANCE	500V DC.				1000 MΩ MIN.				<input type="radio"/>	—	
VOLTAGE PROOF	650 V AC FOR 1 min.				NO FLASH OVER OR BREAKDOWN.				<input type="radio"/>	—	
MECHANICAL CHARACTERISTICS											
CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.				INSERTION FORCE EXTRACTION FORCE	N MAX. N MIN.		—	—		
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE EXTRACTION FORCE	N MAX. N MIN.		—	—		
MECHANICAL OPERATION	50 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="radio"/>	—	
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75mm, — m/s ² AT 2 h, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1μs. ② CONTACT RESISTANCE: — mΩ MAX.				<input type="radio"/>	—	
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.				③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="radio"/>	—	
ENVIRONMENTAL CHARACTERISTICS											
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5 TO 35 → 85 → 5 TO 35 °C TIME 30 → 10 TO 15 → 30 → 10 TO 15 min UNDER 5 CYCLES.				① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000Ω MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="radio"/>	—	
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.				① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="radio"/>	—	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				① CONTACT RESISTANCE: 60 mΩ MAX. ② NO HAEAVY CORROSION.				<input type="radio"/>	—	
HYDROGEN SULPHIDE	EXPOSED IN — PPM FOR — h. (TEST STANDARD: JEIDA-38)				① CONTACT RESISTANCE: mΩ MAX. ② NO HAEAVY CORROSION.				—	—	
SULPHUR DIOXIDE	EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD: JEIDA-39)				① CONTACT RESISTANCE: 60 mΩ MAX. ② NO HAEAVY CORROSION.				<input type="radio"/>	—	
SOLDERING HEAT	SOLDER TEMPERATURE 260±5 °C FOR IMMERSION,DURATION,10S				NO DEFORMATION ON CASE OR EXCESSIVE LOOSENESS OF THE TERMINALS				<input type="radio"/>	—	
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 230±5°C FOR IMMERSION DURATION,3S.				SOLDER SHALL COVER MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.				<input type="radio"/>	—	
REMARKS				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED			
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT				<i>M.Tanaka</i> 99.5.28	<i>M.Tanaka</i> 99.5.28	<i>A.Yamada</i> 99.5.28	<i>K.Katayose</i> 99.5.31				
Unless otherwise specified, refer to MIL-STD-1344.											
Note QT: Qualification Test AT: Assurance Test <input type="radio"/> Applicable Test											
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET				PART NO. D F 3 - * P - 2 D S (01)					
CODE NO.(OLD) CL		DRAWING NO ELC4-162397-01			PEART NO			CL543			1 1