

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.			<input type="radio"/>	—	
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.			② CONTACT RESISTANCE: — mΩ MAX. 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 Unless otherwise specified, refer to MIL-STD-1344.	S.Hara '99.5.28		Y.Tanaka '99.5.31	X.Akayama '99.5.31	K.Katajou '99.5.31				
Note QT: Qualification Test AT: Assurance Test <input type="radio"/> :Applicable Test									
HIROSE HIROSE ELECTRIC CO., LTD.			SPECIFICATION SHEET			PART NO. DF 3-*P-2 DSA (01)			
CODE NO (OLD) CL	DRAWING NO. ELC4-162396-01			PEART NO			CL 543		
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