

APPLICABLE STANDARD		SPECIFICATIONS					
RATING	OPERATING TEMPERATURE RANGE	-25°C TO +85°C	STORAGE TEMPERATURE RANGE	-25°C TO +60°C			
	OPERATING&STORAGE HUMIDITY RANGE	85%MAX 	—	—			
	VOLTAGE	AC 125V 	CURRENT	0.5 A			
CONSTRUCTION							
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.		X X		
MARKING	CONFIRMED VISUALLY.				X X		
ELECTRICAL CHARACTERISTICS							
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).		  USING IDC TYPE : 50mΩ MAX. (SIGNAL)   USING SOLDER TYPE : 65mΩ MAX. (SIGNAL)		X —		
INSULATION RESISTANCE	100 V DC.		1000 MΩ MIN.		X —		
VOLTAGE PROOF	250 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		X X		
MECHANICAL CHARACTERISTICS							
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.		INSERTION FORCE 43N MAX. WITHDRAWAL FORCE 3.8 N MIN.	X	—		
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS.		1) CONTACT RESISTANCE   USING IDC TYPE : 70mΩ MAX.   USING SOLDER TYPE : 85mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X —		
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, 5 min/CYCLE, TOTAL 10 CYCLES.		1) NO ELECTRICAL DISCONTINUITY OF 10 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—		
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—		
ENVIRONMENTAL CHARACTERISTICS							
THERMAL SHOCK	TEMP -55 → +5 TO +35 → +85 → +5 TO +35 °C TIME 30 → 5 → 30 → 5 min. UNDER 5 CYCLES.		1) CONTACT RESISTANCE   USING IDC TYPE : 70mΩ MAX.   USING SOLDER TYPE : 85mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X —		
HUMIDITY LIFE	TEMPERATURE 40 °C, HUMIDITY 90 TO 95 %, FOR 96 h		1) INSULATION RESISTANCE: 100 MΩ MIN. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—		
CORROSION SALT MIST	EXPOSED AT 5 % SALT WATER, FOR 48 h.		NO HEAVY CORROSION THAT LOSE FUNCTION.				
  EXCLUDES CONDUCTOR RESISTANCE OF CABLE.   EXAMINATION IS HELD WITH "DH-51-CT*B", "DH3*B-51S" AND "DH60A-51P". (PLUG : IDC TYPE)   EXAMINATION IS HELD WITH "DH-51-CT*B", "DH40-51S" AND "DH60A-51P". (PLUG : SOLDER TYPE)							
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED			
 5	DIS-E-003449		TY. MIURA	AH. KODAMA			
REMARK				APPROVED	A0. SUZUKI		
				CHECKED	KN. ICHIKAWA		
				DESIGNED	MO. SHIMOBAYAMA		
Unless otherwise specified, refer to JIS C 5402.				DRAWN	MO. SHIMOBAYAMA		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-126869-00		
	SPECIFICATION SHEET		PART NO.	DH60A-51P			
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL244-0043-4-00	 1/1		