







APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-25°C TO +85°C	STORAGE TEMPERATURE RANGE	-25°C TO +60°C	
	OPERATING&STORAGE HUMIDTY RANGE	85%MAX	APPLICABLE CABLE	OUTER DIAMETER OF CABLE : $\phi 8.8 \pm 0.5$	
	VOLTAGE	AC 125V			
	CURRENT	0.5 A			
SPECIFICATIONS					
ITEM		TEST METHOD	REQUIREMENTS	QT	AT
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).	65 mΩ MAX. (SIGNAL) 	X	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 36 N MAX. WITHDRAWAL FORCE 3.3 N MIN.	X	—
MECHANICAL OPERATION		1000 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE 85 mΩ 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.		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: 85 mΩ 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.	X	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
					
REMARK			APPROVED	A0. SUZUKI	10. 03. 23
1) EXCLUDES CONDUCTOR RESISTANCE OF CABLE.			CHECKED	KN. ICHIKAWA	10. 03. 23
2) EXAMINATION IS HELD WITH "DH-37-CV * B", "DH40-37S" AND "DH60-37P" OR "DH-37-CT * B", "DH40-37S" AND "DH60A-37P".			DESIGNED	TU. TANIGUCHI	10. 03. 23
Unless otherwise specified, refer to JIS C 5402 .			DRAWN	TU. TANIGUCHI	10. 03. 23
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-127107-00
	SPECIFICATION SHEET		PART NO.	DH40-37S	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL244-0055-3-00	 1/1