

In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD		OPERATING TEMPERATURE RANGE		STORAGE TEMPERATURE RANGE	
OPERATING TEMPERATURE RANGE		-25°C TO +85°C		-25°C TO +60°C	
RATING		OPERATING & STORAGE HUMIDITY RANGE		VOLTAGE	
		85%MAX		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) <input type="checkbox"/> 1		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 25N MAX. WITHDRAWAL FORCE 2.6 N MIN.		X	-
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE 85 mΩ MAX. <input type="checkbox"/> 1 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. <input type="checkbox"/> 1 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	
<input type="checkbox"/>					
REMARK					
1 EXCLUDES CONDUCTOR RESISTANCE OF CABLE.		APPROVED	A0. SUZUKI	10. 10. 06	
2 EXAMINATION IS HELD WITH "DH-17-CV * B", "DH40-17S" AND "DH60-17P" OR "DH-17-CT * B", "DH40-17S" AND "DH60A-17P".		CHECKED	YH. EMAMI	10. 10. 06	
Unless otherwise specified, refer to JIS C 5402 .		DESIGNED	YH. MAMADA	10. 10. 01	
		DRAWN	YH. MAMADA	10. 10. 01	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-127106-00	
HRS SPECIFICATION SHEET		PART NO.	DH40-17S		
HIROSE ELECTRIC CO., LTD.		CODE NO.	CL244-0054-0-00		
					<input type="checkbox"/> 1/1