

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

APPLICABLE STANDARD		OPERATING TEMPERATURE RANGE	-25°C TO +85°C	STORAGE TEMPERATURE RANGE	-25°C TO +60°C
RATING	OPERATING&STORAGE HUMIDITY RANGE	85%MAX	—	—	—
	VOLTAGE	AC 125V	CURRENT	0.5 A	
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS			
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.			
MARKING	CONFIRMED VISUALLY.				
ELECTRICAL CHARACTERISTICS					
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	$\boxed{1}$ $\boxed{2}$ USING IDC TYPE : 50mΩ MAX. (SIGNAL) $\triangle 1$ $\boxed{1}$ $\boxed{3}$ 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 36 N MAX. WITHDRAWAL FORCE 3.3 N MIN.	X	—	
MECHANICAL OPERATION	1000 TIMES INSERTIONS AND EXTRACTATIONS.	$\boxed{1}$ CONTACT RESISTANCE $\boxed{1}$ $\triangle 1$ $\boxed{2}$ USING IDC TYPE : 70mΩ MAX. $\boxed{3}$ 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.	$\boxed{1}$ 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.	$\boxed{1}$ CONTACT RESISTANCE $\boxed{1}$ $\triangle 1$ $\boxed{2}$ USING IDC TYPE : 70mΩ MAX. $\boxed{3}$ 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	$\boxed{1}$ 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	
$\triangle 1$ 5	DI S-E-0032449	TY. M.URA	AH. KODAMA	10.10.13	
REMARK	EXCLUDES CONDUCTOR RESISTANCE OF CABLE. $\boxed{1}$ EXAMINATION IS HELD WITH "DH-37-CV*B", "DH3*B-37S" AND "DH60-37P". (PLUG : IDC TYPE) $\boxed{3}$ EXAMINATION IS HELD WITH "DH-37-CV*B", "DH40-37S" AND "DH60-37P". (PLUG : SOLDER TYPE)				
Unless otherwise specified, refer to JIS C 5402.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC4-126584-00		
HRS SPECIFICATION SHEET HIROSE ELECTRIC CO., LTD.		PART NO.	DH60-37P		
		CODE NO.	CL244-0007-0-00 $\triangle 1$ 1/1		
APPROVED		KN. ICHIKAWA	09.11.16		
CHECKED		KN. ICHIKAWA	09.11.16		
DESIGNED		MO. SHIMOYAMA	09.11.16		
DRAWN		TM. ONO	09.11.13		