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

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-30°C TO +70°C	STORAGE TEMPERATURE RANGE	- °C TO - °C	
	VOLTAGE	AC 125 V	CURRENT	0.5A	
<b>SPECIFICATIONS</b>					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
<b>CONSTRUCTION</b>					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X	
MARKING	CONFIRMED VISUALLY.		X	X	
<b>ELECTRICAL CHARACTERISTICS</b>					
CONTACT RESISTANCE	1 mA MAX (DC OR 1000 Hz).	40 mΩ MAX.	X	—	
INSULATION RESISTANCE	100 V DC.	250 MΩ MIN.	X	—	
VOLTAGE PROOF	300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	X	
<b>MECHANICAL CHARACTERISTICS</b>					
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR. (WITHOUT LOCK)	INSERTION FORCE 20N MAX.	X	—	
		WITHDRAWAL FORCE 2 N MIN.	X	—	
MECHANICAL OPERATION	3000 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE : 60 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
VIBRATION	FREQUENCY 10 TO 55 Hz HALF AMPLITUDE 0.75 mm, ACCELERATION — m/s <sup>2</sup> , AT 2 hours FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 5μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
SHOCK	ACCELERATION 490 m/s <sup>2</sup> , DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		X	—	
LOCKING FORCE	BE TO COMBINE THE APPLICABLE CONNECTORS, TO PULL THE PLUG IN WITHDRAWAL DIRECTION WITH 40N.	1) NO WITHDRAWAL. 2) NO DAMAGE IN PORTION OF THE LOCK.	X	—	
<b>ENVIRONMENTAL CHARACTERISTICS</b>					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → -55 TO 35 → +85 → 5 TO 35 °C TIME 30 → 2 TO 3 → 30 → 2 TO 3 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
DAMP HEAT (STEADY STATE)	EXPOSED AT 60 °C, 90 TO 95 %RH, FOR 96 hours.	1) INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY.) 2) INSULATION RESISTANCE: 100 MΩ MIN. (AFTER DRY.) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER , FOR 48 hours.	NO SPECTACULAR CORRODE.	X	—	
SOLDERABILITY	TEMPERATURE : 235 ± 5 °C IMMERSIONAL TIME : 2 ± 0.5 sec.	SOLDERING POINT OF CONTACTS IMMERSION IN SOLDER 95% MIN.	X	—	
SOLDERING CONDITION (REFLOW)	REFLOW TO THE REFLOW TEMPERATURE PROFILE IN THE FIGURE-1 FOR 2 TIMES.  — 240°C-10sec.max. — 200°Cmin.-40sec.max. — 180°Cmin.-45sec.max. — 150±10°Cmin.-120sec.max. HEATING TIME	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
△					
REMARK		APPROVED	A0. SUZUKI	08. 03. 13	
1) WITHOUT BULK RESISTANCE.		CHECKED	MO. SHIMOYAMA	08. 03. 13	
		DESIGNED	KO. KAWAMURA	08. 03. 13	
Unless otherwise specified, refer to JIS C 5402.		DRAWN	KO. KAWAMURA	08. 03. 13	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC4-120858-03		
<b>HRS</b>	SPECIFICATION SHEET	PART NO.	3260B-12S3 (55)		
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL232-0090-4-55	△	1/