
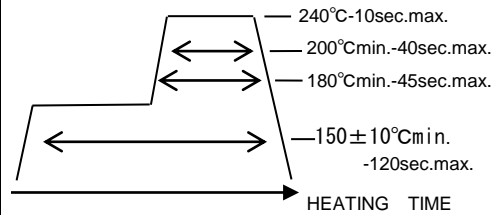





Apr.1.2025 Copyright 2025 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-30°C TO +70°C	STORAGE TEMPERATURE RANGE	- °C TO - °C	
	VOLTAGE	AC 125 V	CURRENT	0.5A	
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	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	
MECHANICAL CHARACTERISTICS					
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 ² , 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 ² , 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	—	
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5 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	—	
SOLDERBILITY	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.  HEATING TIME	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
					
REMARK			APPROVED	TU. TANIGUCHI	20200910
 WITHOUT BULK RESISTANCE.			CHECKED	TU. TANIGUCHI	20200910
Unless otherwise specified, refer to JIS C 5402.			DESIGNED	KN. ICHIKAWA	20200910
			DRAWN	CT. YAMAMOTO	20200910
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-120858-56-00
HRS	SPECIFICATION SHEET		PART NO.	3260B-12S3 (56)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL232-0090-4-56	 1/1