Apr.1.2017 Copyright 2017 HIROSE ELECTRIC CO., LTD. All Rights Reserved.

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	−40°C TO +85°C	STORAGE TEMPERATURE RANGE	— °C TO — °C
	VOLTAGE	125VAC	OPERATING HUMIDITY RANGE	— % TO — %
	CURRENT	1A	APPLICABLE CABLE	—

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
ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	100 mA MAX (DC OR 1000 Hz).	40 mΩ MAX.	X	X
INSULATION RESISTANCE	250 V DC.	1000 MΩ MIN.	X	X
VOLTAGE PROOF	350 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	X	X
MECHANICAL CHARACTERISTICS				
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE 27.6 N MAX. EXTRACTION FORCE 27.6 N MAX.	X	—
MECHANICAL OPERATION	20000 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE: 60 mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, AT 2 TIMES FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 10μs. 2) CONTACT RESISTANCE : 60 mΩMAX 3)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
SHOCK	490 m/s² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		X	—
ENVIRONMENTAL CHARACTERISTICS				
DRY HEAT	EXPOSED AT 85℃ , 500 h	1) CONTACT RESISTANCE : 60 mΩMAX 2) INSULATION RESISTANCE: 1000 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 60℃ , 90～95%, 96h			
RAPID CHANGE OF TEMPERATURE	TEMPERATURE −55 →15−35→ +85 → 15−35 °C TIME 30 → 10-15 → 30 → 10-15 min UNDER 5 CYCLES.			
C0RR0SION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	1)CONTACT RESISTANCE :60mΩMAX. 2)NO HEAVY CORROSION.	X	—
HYDORGEN SULPHIDE	EXPOSED IN SO_2:10 PPM , H_2S:3ppm 70 ～ 80%RH, FOR 96 h (TEST STANDARD : JEIDA-38)			

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
1					

REMARK

Unless otherwise specified, refer to JIS C 5402.

APPROVED	HO.MIWA	07.02.01
CHECKED	HO.MIWA	07.02.01
DESIGNED	SJ.SHIMIZU	07.02.01
DRAWN	SJ.SHIMIZU	07.02.01

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC4-120710-02

HRS	SPECIFICATION SHEET	PART NO.	3560-10SR(61)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL235-0008-2-61	1 / 1

FORM HD0011-2-1