










APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	  -40 °C TO 85 °C	STORAGE TEMPERATURE RANGE	 -55 °C TO 60 °C	
	VOLTAGE	125 V AC	OPERATING HUMIDITY RANGE	 95 %MAX	
	CURRENT	1 A	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 (DC OR 1000 Hz).	40 mΩ MAX.	X	X	
INSULATION RESISTANCE	250 V DC.	1000 MΩ MIN.	X	—	
VOLTAGE PROOF	350 V AC FOR 1 min.	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 mΩ MAX. 2)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
VIBRATION	FREQUENCY 10 TO 55Hz, SINGLE AMPLITUDE 0.75 mm, AT 2h, FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 10 μs. 2)CONTACT RESISTANCE: 60 mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		X	—	
ENVIRONMENTAL CHARACTERISTICS					
DRY HEAT	EXPOSED AT 85 °C , 500h	1)CONTACT RESISTANCE: 60 mΩ MAX. 2)INSULATION RESISTANCE: 1000 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 15~35 → 85 → 15~35 °C TIME 30 → 10~15 → 30 → 10~15 min. UNDER 5 CYCLES.	1)CONTACT RESISTANCE: 60 mΩ MAX. 2)INSULATION RESISTANCE: 1000 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
DAMP HEAT (STEADY STATE)	EXPOSED AT 60 °C, 90 ~ 95 %, 96 h.	1)CONTACT RESISTANCE: 60 mΩ MAX. 2)INSULATION RESISTANCE 1000 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	1)CONTACT RESISTANCE: 60 mΩ MAX. 2)NO HEAVY CORROSION.	X	—	
MIXED GAS CORROSION	EXPOSED IN SO ₂ 10ppm, H ₂ S 3ppm, 70~80 %, 96h.		X	—	
  ① THE PRODUCT PERFORMANCE IS GUARANTEED ONLY IN THE TEMPERATURE ADEQUATE TO PEOPLE'S ACTIVITIES. ② THE OPERATION TEMPERATURE INCLUDES THE TEMPERATURE RISE BY CURRENT CARRYING.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
	5	DIS-E-002861	MT. ITANO	YH. ENAMI	09. 07. 16
REMARK			APPROVED	HO. MIWA	05. 01. 05
			CHECKED	YH. ENAMI	05. 01. 05
			DESIGNED	TU. TANIGUCHI	05. 01. 05
Unless otherwise specified, refer to JIS C 5402.			DRAWN	TU. TANIGUCHI	05. 01. 05
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELG4-120709-01	
	SPECIFICATION SHEET		PART NO.	3560-10S (50)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL235-0007-0-50	 1/2

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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FIG.1 REFLOW TEMPERATURE PROFILE

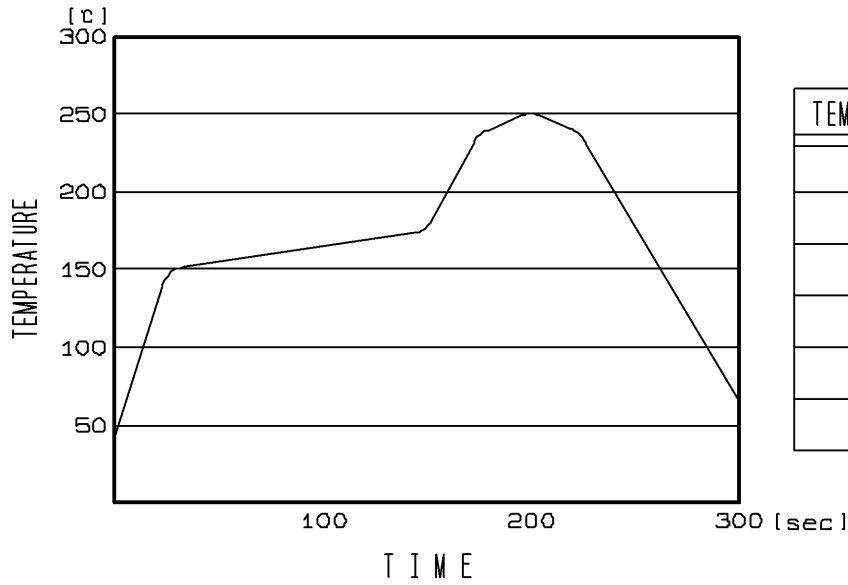
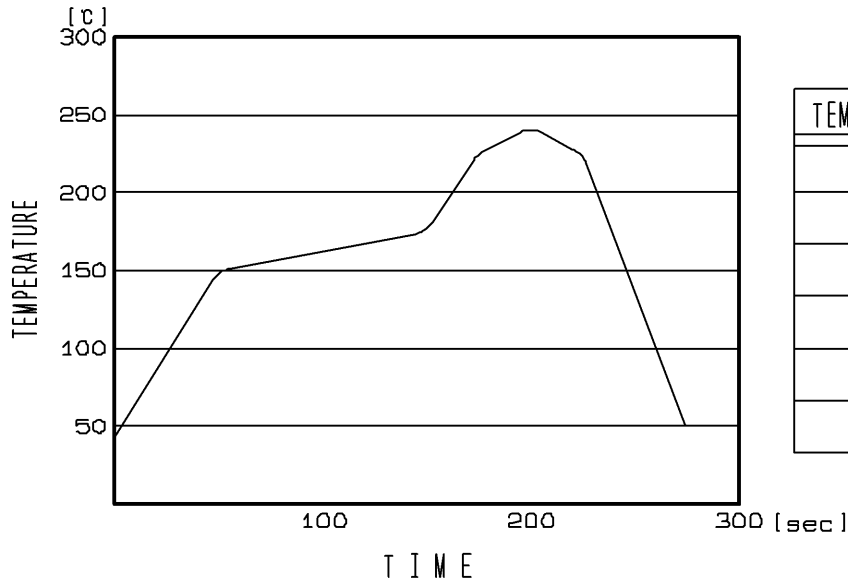


FIG.2 RECOMMENDED REFLOW TEMPERATURE PROFILE



Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC4-120709-01	
HRS	SPECIFICATION SHEET	PART NO.	3560-10S (50)	
	HIROSE ELECTRIC CO., LTD.	CODE NO	CL235-0007-0-50	△ 2/2