

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

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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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 29.4 N MAX. EXTRACTION FORCE 29.4 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	X	-
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.	3)NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-

ENVIRONMENTAL CHARACTERISTICS

DRY HEAT	EXPOSED AT 85°C , 500h	1) CONTACT RESISTANCE : 60 mΩMAX	X	-
DAMP HEAT (STEADY STATE)	EXPOSED AT 60°C , 90~95%, 96h	2) INSULATION RESISTANCE: 1000 MΩ MIN. (AT DRY)		
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 →15-35→ +85 → 15-35 °C TIME 30 → 2-3→ 30 → 2-3 min. UNDER 5 CYCLES.	3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	1)CONTACT RESISTANCE :60mΩMAX.	X	-
HYDROGEN SULPHIDE	EXPOSED IN 10 PPM , H ₂ S 3ppm 70 ~ 80%RH, FOR 96 h (TEST STANDARD : JEIDA-38)	2)NO HEAVY CORROSION.		

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
0				

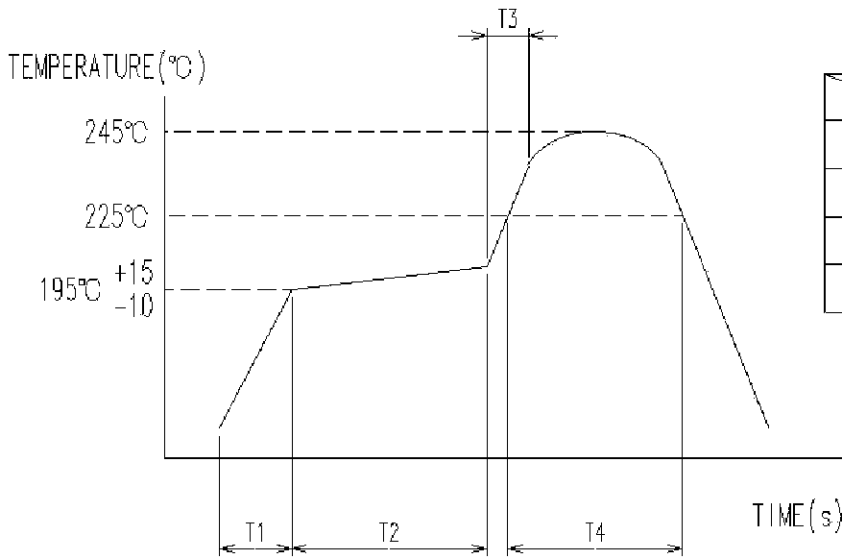
REMARK	APPROVED	HO.MIWA	06.03.15
	CHECKED	YH.ENAMI	06.03.13
	DESIGNED	TU.TANIGUCHI	06.03.13
	DRAWN	TU.TANIGUCHI	06.03.13

Unless otherwise specified, refer to JIS C 5402.


Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELG4-120892-02
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HRS	SPECIFICATION SHEET	PART NO.	3560-16P-PG(61)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL235-0016-0-61	1/

RESISTANCE TO REFLOW SOLDERING HEAT



	TIME(s)
T1(s)	75s MAX
T2(s)	160s MAX
T3(s)	40~90s
T4(s)	60s MAX

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SPECIFICATION SHEET HIROSE ELECTRIC CO., LTD.		PART NO.		3560-16P-PG(61)	
		CODE NO.		CL235-0016-0-61	
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