

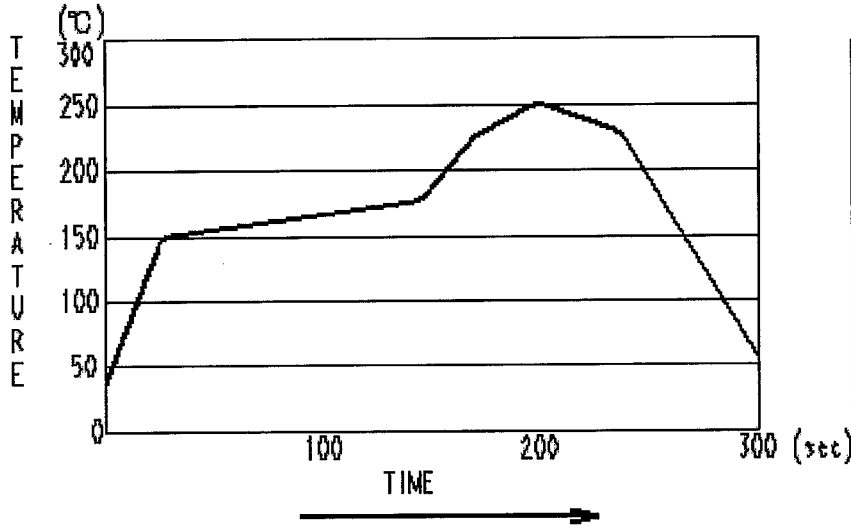
COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
△					△					
APPLICABLE STANDARD										
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +85 °C			STORAGE TEMPERATURE RANGE	-40 °C TO +85 °C				
	VOLTAGE	AC125V			OPERATING HUMIDITY RANGE	5 % TO 95 %				
	CURRENT	1 A			APPLICABLE CABLE	—				
SPECIFICATIONS										
ITEM	TEST METHOD				REQUIREMENTS				QT	AT
CONSTRUCTION										
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				<input type="checkbox"/>	<input type="checkbox"/>
MARKING	CONFIRMED VISUALLY.								<input type="checkbox"/>	<input type="checkbox"/>
ELECTRIC CHARACTERISTICS										
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).				40 mΩ MAX.				<input type="checkbox"/>	—
INSULATION RESISTANCE	250 V DC.				1000 MΩ MIN.				<input type="checkbox"/>	—
VOLTAGE PROOF	350 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				<input type="checkbox"/>	<input type="checkbox"/>
MECHANICAL CHARACTERISTICS										
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.				32 N MAX.				<input type="checkbox"/>	—
MECHANICAL OPERATION	20000 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="checkbox"/>	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② CONTACT RESISTANCE: 60 mΩ MAX.				<input type="checkbox"/>	—
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.				③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="checkbox"/>	—
ENVIRONMENTAL CHARACTERISTICS										
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5~35 → 85 → 5~35 °C TIME 30 → 2~3 → 30 → 2~3 min UNDER 5 CYCLES.				① CONTACT RESISTANCE: 60 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="checkbox"/>	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 60°, 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.				<input type="checkbox"/>	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				NO HEAVY CORROSION.				<input type="checkbox"/>	—
MIXED GAS CORROSION	EXPOSED IN SO ₂ 10 ppm, H ₂ S 3 ppm, 70 ~ 80 % RH, 96 h.									
RESISTANCE TO SOLDERING HEAT (REFLOW)	REFLOW TWICE UNDER THERECOMMENDED REFLOW TEMPERATURE PROFILE IN FIG-1				NO SIGNIFICANT DEFORMATION OR LOSSNESS OF CONTACTS.				<input type="checkbox"/>	—
RESISTANCE TO SOLDERING, SOLDERIRON METHOD	TEMPERATURE OF SOLDERING IRON : 350±5°C, 5±0.5 SEC				NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				<input type="checkbox"/>	—
RECOMMENDED REFLOW PROFILE IN FIG-2										
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
Unless otherwise specified, refer to JIS C 5402.					<i>F. Taniguchi</i> 04.04.20	<i>F. Taniguchi</i> 04.04.20	<i>Y. Enami</i> 04.04.26	<i>H. Miwa</i> 04.04.26		
					Note QT:Qualification Test AT:Assurance Test O:Applicable Test					
HS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET					
					PART NO. 3 5 6 0 - 2 4 P - P G (6 1)					
CODE NO.(OLD) CL	DRAWING NO. ELC4 - 1 2 4 7 8 4 - 0 1				CODE NO. CL 2 3 5 - 0 0 2 3 - 6 - 6 1				1 2	

TO
Q 1



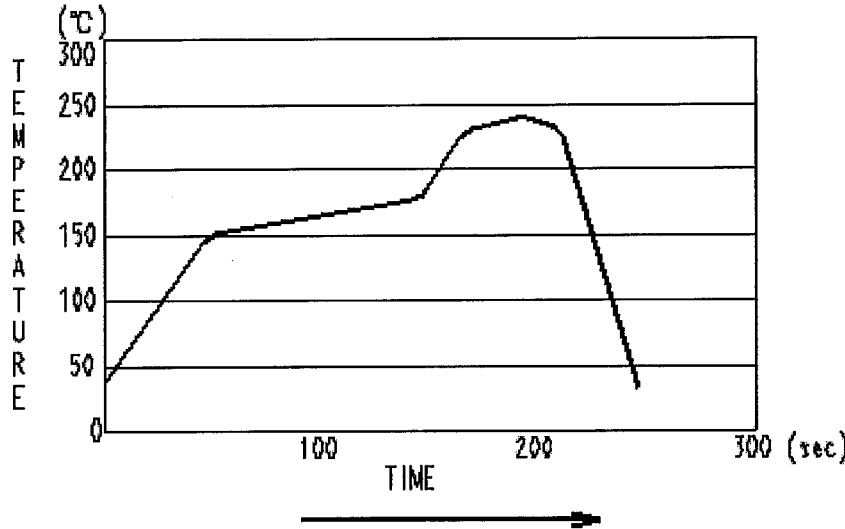
ATTACHMENT FIGURE

FIG.1 REFLOW TEMPERATURE PROFILE



TEMPERATURE RANGE	TIME
150-180	120 sec
200 MIN	95 sec
220 MIN	70 sec
230 MIN	50 sec
245 MIN	20 sec
250	MOMENT

FIG2. RECOMMENDED REFLOW TEMPERATURE PROFILE



TEMPERATURE RANGE	TIME
150-180	60 sec
200 MIN	55 sec
220 MIN	40 sec
230 MIN	30 sec
235 MIN	20 sec
240	MOMENT

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.	<i>F. Toriguchi</i>	<i>F. Toriguchi</i>	<i>T. Enami</i>	<i>H. Miwa</i>	
	04.04.20	04.04.20	04.04.26	04.04.26	

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

HRS HIROSE ELECTRIC CO., LTD. SPECIFICATION SHEET PART NO. 3560-24P-PG(61)

CODE NO.(OLD) CL	DRAWING NO. ELC4-124783-01	CODE NO. CL235-0023-6-61	2/2
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