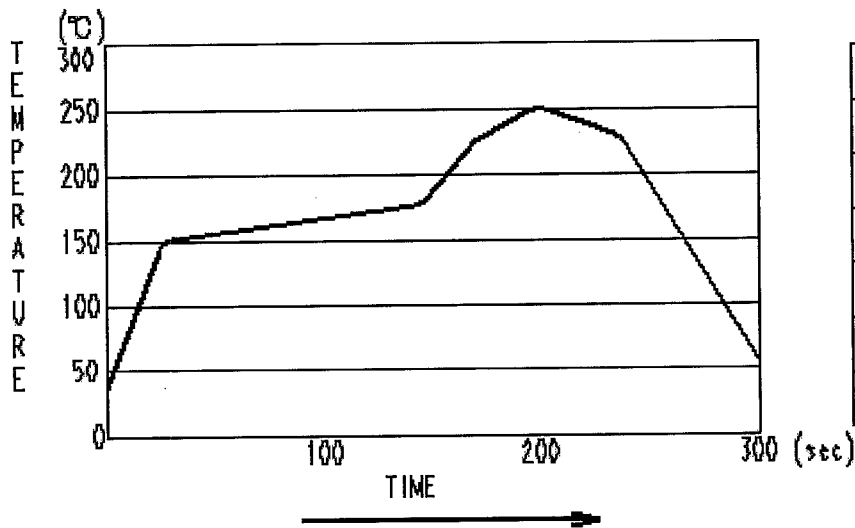


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +85 °C			STORAGE TEMPERATURE RANGE	-40 °C TO +85 °C			
	VOLTAGE	AC125V			OPERATING HUMIDITY RANGE	5 % TO 95 %			
	CURRENT	1 A			APPLICABLE CABLE	—			
SPECIFICATIONS									
ITEM		TEST METHOD			REQUIREMENTS			QT	AT
CONSTRUCTION									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			○	○
MARKING		CONFIRMED VISUALLY.						○	○
ELECTRIC CHARACTERISTICS									
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).			40 mΩ MAX.			○	—
INSULATION RESISTANCE		250 V DC.			1000 MΩ MIN.			○	—
VOLTAGE PROOF		350 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			○	○
MECHANICAL CHARACTERISTICS									
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			32 N MAX.			○	—
MECHANICAL OPERATION		20000 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
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.			○	—
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.			③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
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.			○	—
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.			○	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION.			○	—
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 DEFOMATION OR LOSSENESS OF CONTACTS.			○	—
RESISTANCE TO SOLDERING, SOLDERIRON METHOD		TEMPERATURE OF SOLDERING IRON : 350±5°C, 5±0.5 SEC			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
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 ○:Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO. 3 5 6 0 - 2 4 S R (6 1)	
CODE NO.(OLD) CL		DRAWING NO. ELC4-124783-01			CODE NO. CL235-0022-3-61			1/2	

TO
Q 1

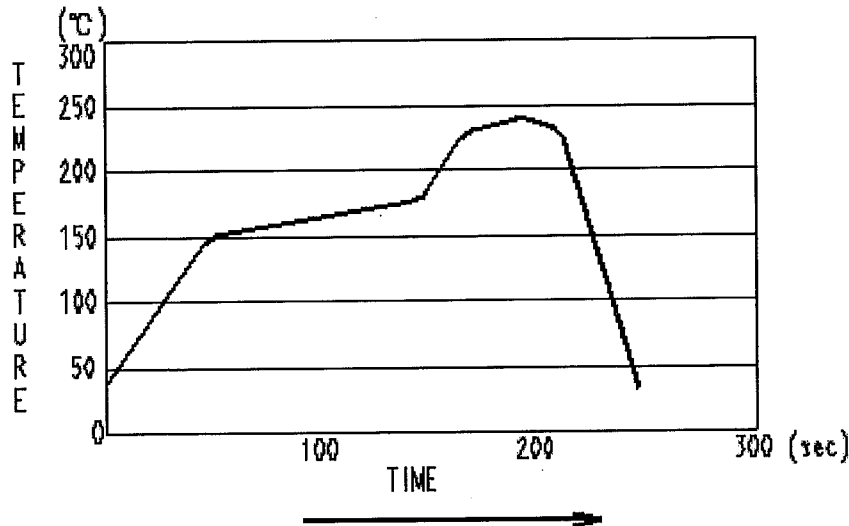
ATTACHMENT FIGURE

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.

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

HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. 3560-24SR(61)
CODE NO.(OLD) CL	DRAWING NO. ELC4-124783-01	CODE NO. CL235-0022-3-61

TO
Q1

2
2