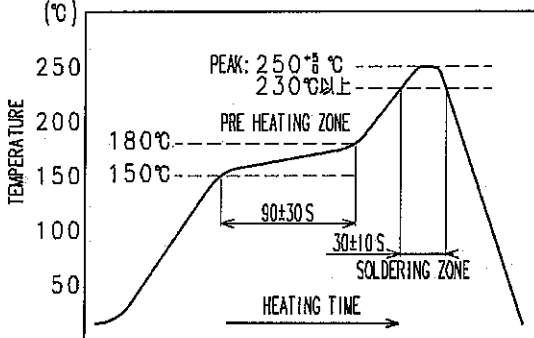


	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△							△				
△							△				
APPLICABLE STANDARD											
RATING	OPERATING TEMPERATURE RANGE		-40 °C ~ +70 °C				STORAGE TEMPERATURE RANGE		-50 °C ~ +85 °C		
	VOLTAGE		50 V AC or DC				OPERATING HUMIDITY RANGE		85%RH MAX		
	CURRENT		0.5A (1A ACCEPTABLE FOR ANY 2 CONTACTS)								
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)				70 mΩ MAX				×	—
INSULATION RESISTANCE		100 V DC				1000 MΩ MIN				×	—
VOLTAGE PROOF		250 V AC FOR 1 min				NO FLASHOVER OR BREAKDOWN				×	×
MECHANICAL CHARACTERISTICS											
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE: 4~10 N (INITIAL) EXTRACTION FORCE: 4~10 N (INITIAL)				×	—
MECHANICAL OPERATION		5000 TIMES INSERTIONS AND EXTRACTIONS.				① AMOUNT OF CHANGE OF CONTACT RESISTANCE: 20 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				×	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, OR 98 m/s <sup>2</sup> AT 2 h, FOR 3 DIRECTIONS.				① AMOUNT OF CHANGE OF CONTACT RESISTANCE: 20 mΩ MAX. ② NO ELECTRICAL DISCONTINUITY OF 1 μs.				×	—
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				×	—
ENVIRONMENTAL CHARACTERISTICS											
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → 15~35 → 85 → 15~35 °C TIME 30 → 2~3 → 30 → 2~3 min UNDER 10 CYCLES.				① AMOUNT OF CHANGE OF CONTACT RESISTANCE: 20 mΩ MAX. ② INSULATION RESISTANCE: 10MΩ MIN. ③ NO FLASHOVER OR BREAKDOWN ④ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				×	—
DAMP HEAT (STEADY STATE)		EXPOSED AT +40 °C, 90~95 %, 96 h.								×	—
DRY HEAT		EXPOSED AT +85 °C, 96 h.								×	—
COLD		EXPOSED AT -40 °C, 96 h.								×	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER, 35°C, FOR 48h.				NO HEAVY CORROSION.				×	—
REMARKS											
Unless otherwise specified, refer to JIS C 5402.						DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
						S. Shimizu '05.12.28	S. Shimizu '05.12.28	M. Matsuzaki 05-12-28	M. Matsuzaki 05-12-28		
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test											
HRS HIROSE ELECTRIC CO., LTD.						SPECIFICATION SHEET			PART NO. L X 6 0 - 2 0 S		
CODE NO.(OLD) CL			DRAWING NO. E L C 4 - 1 2 5 4 2 3			CODE NO. C L 2 4 5 - 0 0 1 6 - 8			1/2		

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TO
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SPECIFICATIONS						
ITEM	TEST METHOD	REQUIREMENTS	QT	AT		
OTHER CHARACTERISTICS						
SOLDERABILITY	SOLERRING POINT OF CONTACTS IMMERSION IN SOLDER BATH OF 245±3℃, 2~3 sec.	MIN. 90% OF SOLDER IMMERSED AREA SHALL BE COVERED NEW SOLDER COATING.	×	—		
RESISTANCE TO SOLDERING HEAT	REFROW TO THE RECOMMENDED REFROW TEMPERATURE PROFILE IN FIG-1.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—		
<div><p>FIG-1</p></div>						
REMARKS					DRAWN	DESIGNED
Unless otherwise specified, refer to JIS C 5402.					CHECKED	APPROVED
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test					RELEASED	
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. LX60-20S		
CODE NO.(OLD) CL	DRAWING NO. ELC4-125423	CODE NO. CL245-0016-8		2/2		