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APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	−30°C TO +80°C	STORAGE TEMPERATURE RANGE	−45°C TO +85°C
	VOLTAGE	AC100V	OPERATING HUMIDITY RANGE	5 % TO 95 %
	CURRENT	SIGNAL 0.5A (UNSELECTED 4 CONTACTS:1A)	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).	60 mΩ MAX.	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				
LOCK STRENGTH	APPLYING A PULL FORCE 49 N MAX.,TO THE CABLE AXIALLY.	1) DURING APPLYING, MATING COMPLETELY. 2) AFTER APPLYING, NO DEFECT OF MATING PART.	X	—
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR. (EXCEPT LOCK)	29.4 N MAX.	X	—
MECHANICAL OPERATION	10000 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE: 100 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.76 mm, AT 2 h, FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 10 μs. 2) 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				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE –55 →5 ～35 →85 →5 ～35°C TIME 30 → 5 → 30 → 5 min. UNDER 5 CYCLES.	1) CONTACT RESISTANCE: 100 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. 3) INSULATION RESISTANCE: 1000 MΩ MIN.	X	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C , 90～95 %, 96 h.	1) CONTACT RESISTANCE: 100 mΩ MAX. 2) INSULATION RESISTANCE: 10 MΩ MIN.	X	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	X	—

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△1					

REMARK

Unless otherwise specified, refer to IEC 60512.

APPROVED	NM. NISHIMATSU	15. 10. 27
CHECKED	KN. ICHIKAWA	15. 10. 27
DESIGNED	TS. ITO	15. 10. 27
DRAWN	AK. AKIYAMA	15. 10. 27

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

DRAWING NO. ELC-124422-30-00

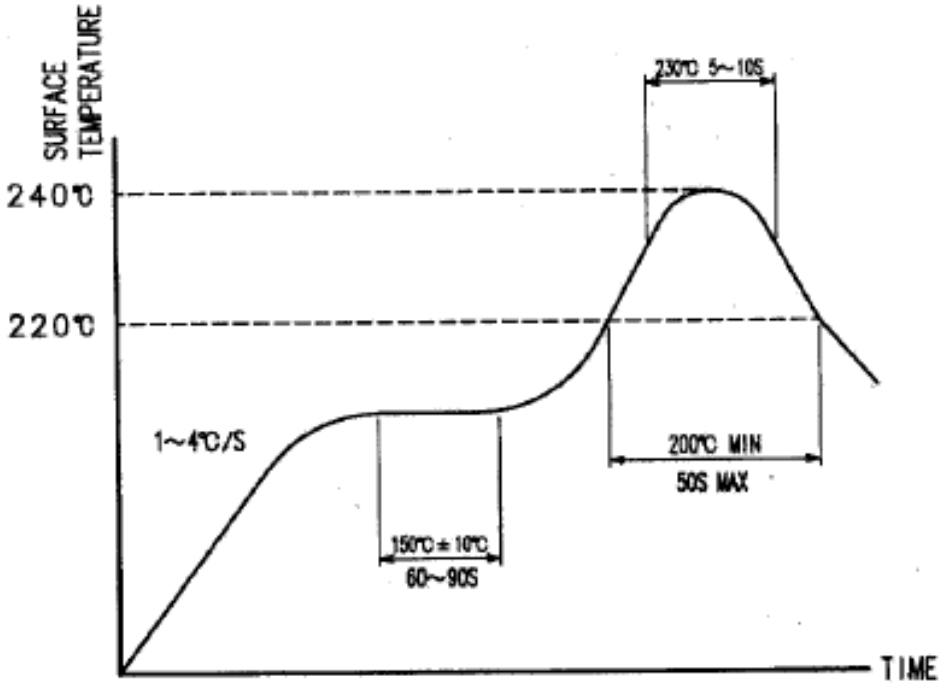
HRS	SPECIFICATION SHEET	PART NO.	ST60-36P(30)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL241-0033-1-30 △1	1/2

FORM HD0011-2-1

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ATTACHMENT FIGURE

FIG-1 RECOMENDED REFLOW TEMPERATURE PROFILE



NOTE. THIS IS RECOMMENDED TEMPERATURE PROFILE.
CONDITIONS COULD BE VARIED
DIPEND ON SORTS OF CREAM.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC-124422-30-00		
HRS	SPECIFICATION SHEET	PART NO.	ST60-36P(30)		
	HIROSE ELECTRIC CO., LTD.	CODE NO	CL241-0033-1-30	⚠0	2/2