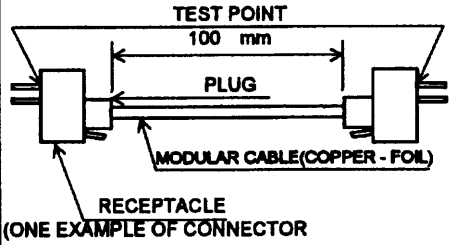
	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	−25 °C TO 80 °C	STORAGE TEMPERATURE RANGE	— °C TO — °C
	VOLTAGE	125 V AC	CURRENT	500 mA

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 AC). MEASUREMENT POINTS SHALL BE AS FOLLOWS.  (ONE EXAMPLE OF CONNECTOR CONFIGURATION IS SHOWN.)	200 mΩ MAX.	○	○
INSULATION RESISTANCE	100 V DC.	100 MΩ MIN.	○	○
VOLTAGE PROOF	500 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	○	○
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	200 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 220 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s^2 AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 5 μs. ② CONTACT RESISTANCE: 220 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				
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90 TO 95 %, 500 h.	①CONTACT RESISTANCE: 220 mΩ MAX. ②INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) ③INSULATION RESISTANCE: 10 MΩ MIN. (AT DRY) ④ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE: −55± 3 →5 TO 35→ 85± 2 → 5 TO 35 °C TIME: 30 → 5 MAX → 30 → 5 MAX min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 220 mΩ MAX. ② INSULATION RESISTANCE: 100 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	① CONTACT RESISTANCE: 220 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS,	○	—
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, 260± 5℃ FOR IMMERSION,DURATION, 5± 1 s. (WHEN USING FLOW SOLDER.)	NO DEFORMATION OF CASE AND EXCESSIVE LOOSENESS OF THE TERMINALS.	○	—
SOLDRABILITY	SOLDERED AT SOLDER TEMPERATURE,235± 5 ℃ FOR IMMERSION,DURATION,2±0.5 s. (WHEN USING FLOW SOLDER)	NO DEFORMATION IN APPEARANCE OR SOLDERLESS ON CONTACT SURFACE ETC.	○	—

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.	Y.KONDO '00,01,12	Y. KONDO '00,01,12	Iwatanabe '00, 01, 12	H.Mina 00.01.12	HPS 7 10 '01 USA

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

HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. TM5RJ−88	
CODE NO.(OLD) CL	DRAWING NO. ELC4−023183−01	CODE NO. CL222−1093−0	1/1

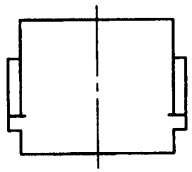
FORM No.231-1

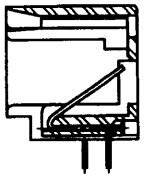
FOR REFERENCE ONLY
Subject to change without notice

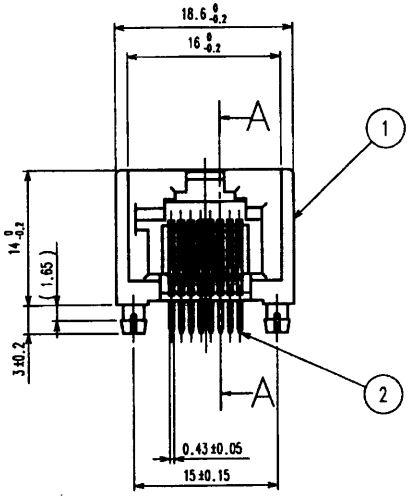
TO
Q2

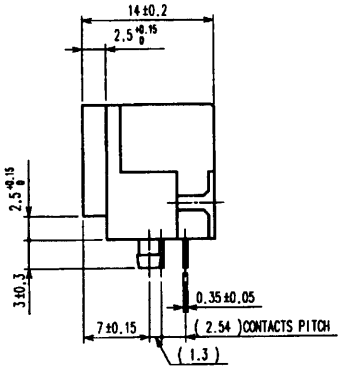
COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE

AA



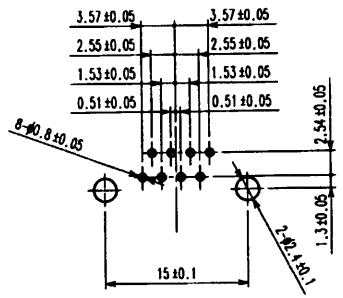


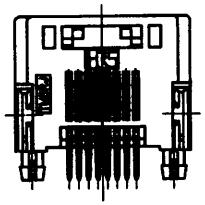




RECOMMENDED PC BOARD HOLE PATTTERN(MOUNTING SIDE)

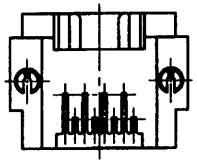
t=1.6





NOTE. 1. THE DIMENSION IN PARENTHESIS IS FOR REFERENCE.

FOR REFERENCE ONLY
Subject to change without notice



NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS
2	PHOSPHOR BRONZE	SELECTIV GOLD PLATING + TIN-LEAD PLATING	4	PVC	(CLEAR)
1	PBT	COLOR:GRAY(UL94V-0)	3	PVC	(CLEAR)

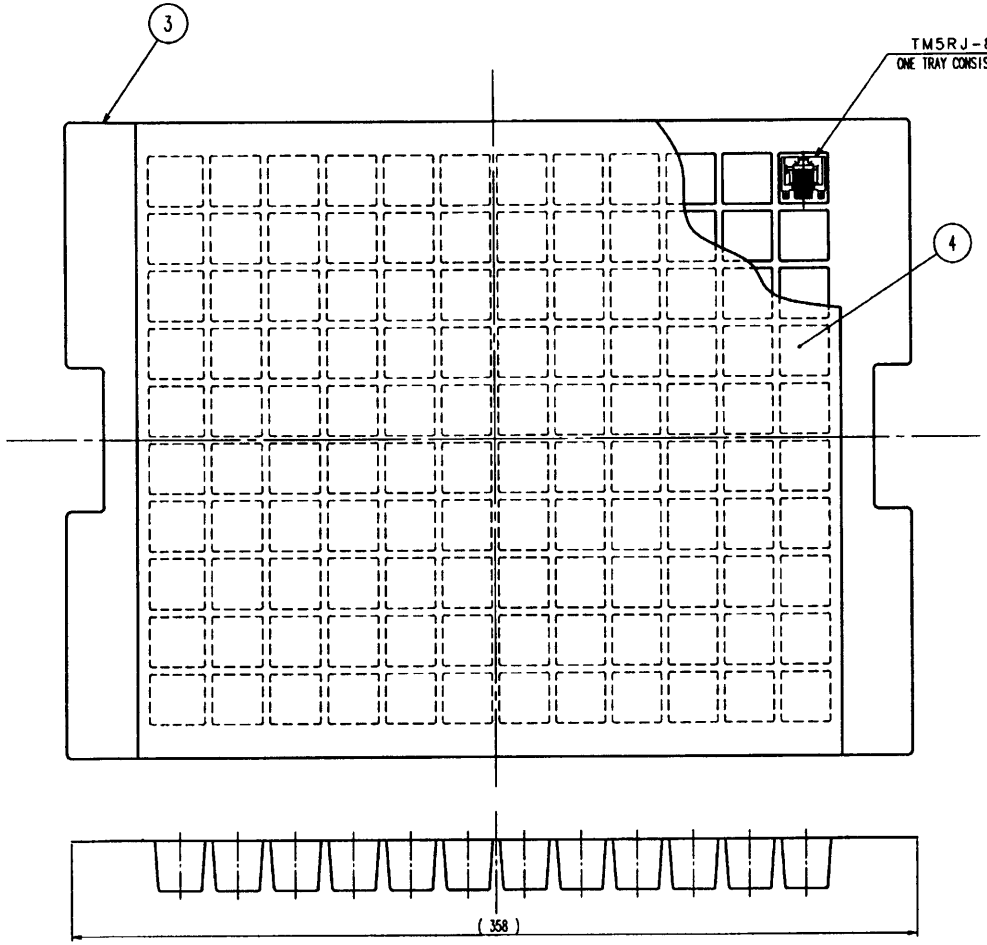
CODE NO.(OLD)	DRAWN	DESIGNED	CHECKED	APPROVED	ECO RELEASED
	Y. KONDO '00-01-12	Y. KONDO '00-01-12	T. Watanabe '00-01-12	Y. Miwa '00-01-12	1 10 01 USA

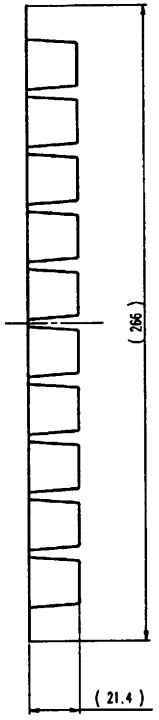
SCALE	DRAWING NO.	PART NO.
2 : 1	EDC3-023183-01	TM5RJ-88
UNITS: mm	HRS HIROSE ELECTRIC CO., LTD	CODE NO. CL222-1093-0

1/2

TO
Q2

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE





NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS

CODE NO.(OLD)	DRAWN	DESIGNED	CHECKED	APPROVED	HRS RELEASED
	Y. KONDO '00-01-12	Y. KONDO '00-01-12	J. Watanabe '00-01-12	K. Miura 00-01-12	7 10 '01 USA

TO
Q2

FOR REFERENCE ONLY
Subject to change without notice

SCALE	DRAWING NO.	PART NO.
1 : 2	EDC3-023183-01	TM5RJ-88
UNITS mm	HRS HIROSE ELECTRIC CO., LTD	CODE NO. CL222-1093-0

2/2