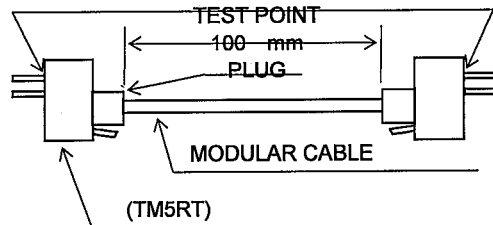
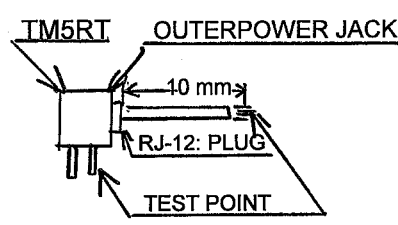


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD		RECOGNIZED COMPONENT OF UL1863							
RATING	OPERATING TEMPERATURE RANGE	-25 °C TO 60 °C			STORAGE TEMPERATURE RANGE	-25 °C TO 60 °C			
	VOLTAGE	RJ-12 : AC 125V			CURRENT	RJ-12 : 0.5A			
	OUTERPOWER JACK: DC10.5V			OUTER POWER JACK: 2A					

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.)	RJ-12: 200 mΩ MAX. OUTERPOWER JACK 100 mΩ MAX 	☐	☐		
INSULATION RESISTANCE	100 V DC.	100 MΩ MIN.	☐	☐		
VOLTAGE PROOF	500 V AC FOR 1 min.	① NO FLASHOVER OR BREAKDOWN.	☐	☐		
MECHANICAL CHARACTERISTICS						
MECHANICAL OPERATION	200 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: RJ-12 220 mΩ MAX. OUTERPOWER JACK 100 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 5 μs.	☐	—		
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTIONS.	② CONTACT RESISTANCE: RJ-12 220 mΩ MAX OUTERPOWER JACK 100 mΩ MAX.. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	☐	—		
INSERTION AND WITHDRAWAL FORCES (APPLIED OUTER POWER JACK9)	MEASURED WITH THE BELOW STEEL GAUGE THE EXTERNAL DIAMETER $\phi 4.8 \pm 0.06$ THE INTERNAL DIAMETER $\phi 1.75 \pm 0.06$	① MUST BE GRATIFIED WITH BELOWS INSERTION FORCE 5 TO 20 N WITHDRAWAL FORCE 4 TO 15 N	☐	—		
REMARKS						
Unless otherwise specified, refer to JIS C 5402.		DRAWN <i>T. Watanabe</i> '05.11.14	DESIGNED <i>T. Watanabe</i> '05.11.14	CHECKED <i>H. Miura</i> '05.11.14	APPROVED <i>H. Miura</i> '05.11.14	RELEASED
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test						
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. TM5RT-1208PWJ(50)		
CODE NO.(OLD) CL	DRAWING NO. ELC4-122834-01	CODE NO. CL 222-4106-7-50		1/2		

DRAWING FOR REFERENCE: This is subject to change without notice

Q1

A

B

C

D

E

F

A

B

C

D

E

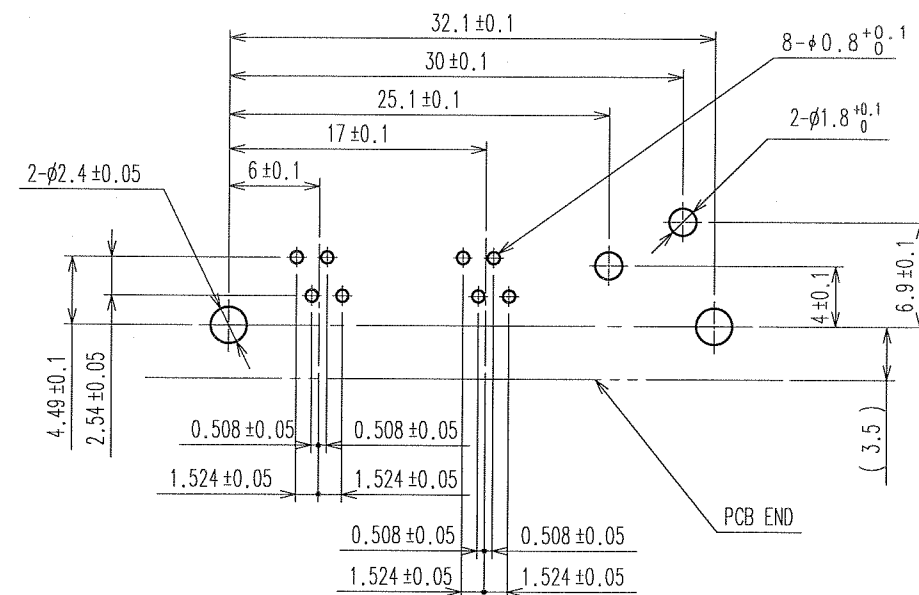
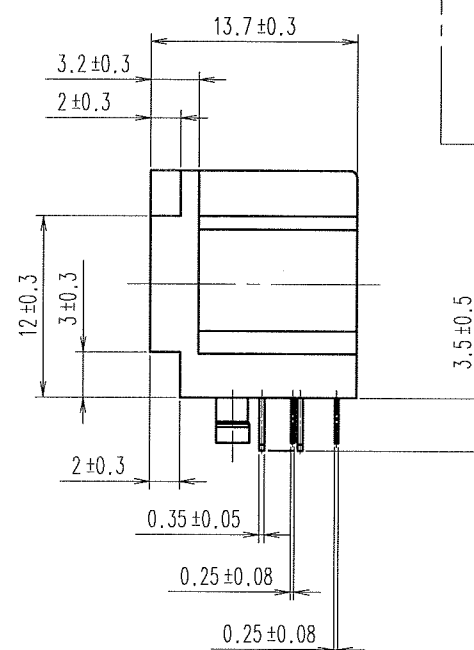
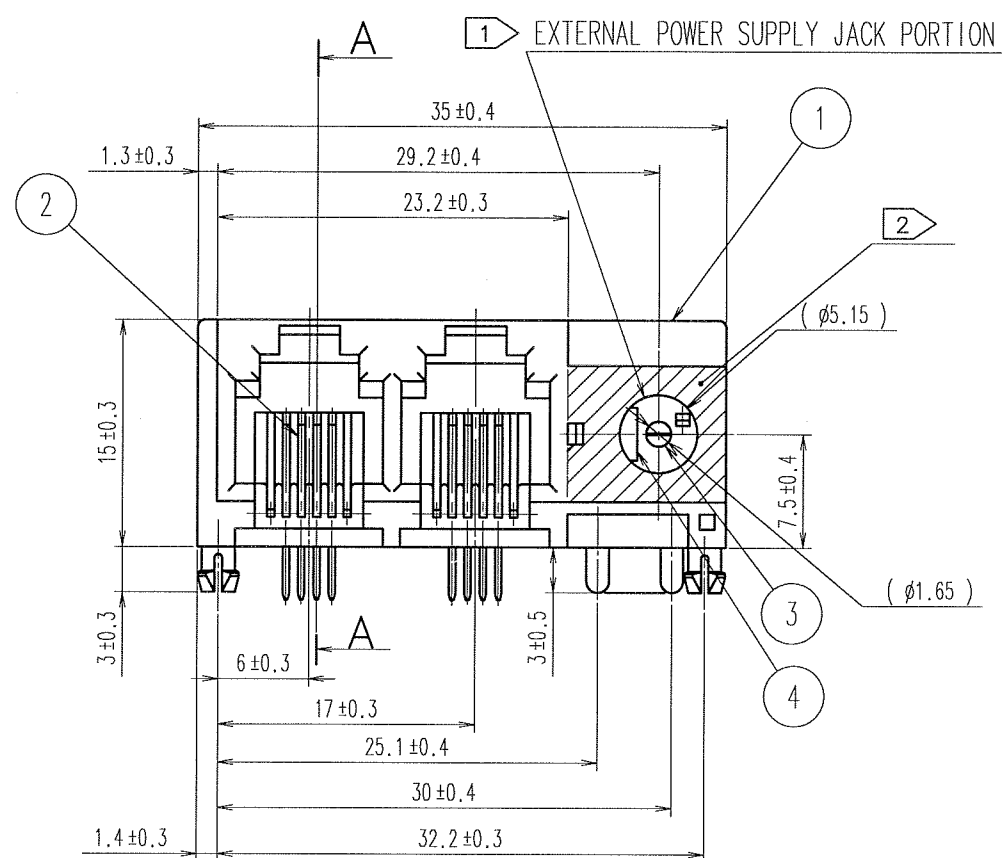
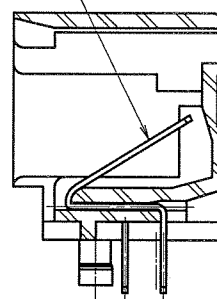
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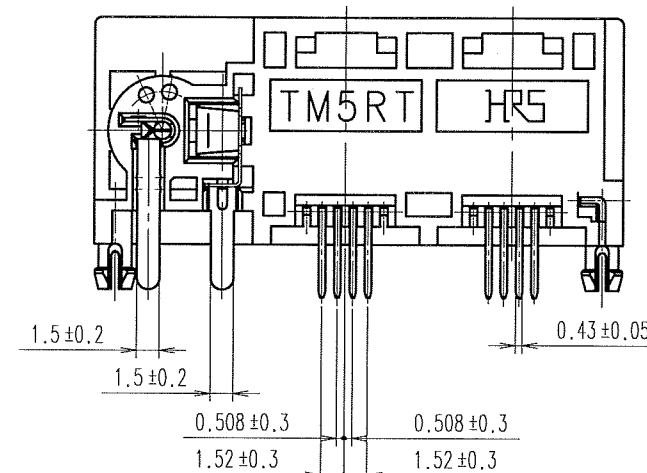
COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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A-A

GOLD PLATING AREA



RECOMMENDED PC BOARD HOLE PATTERN (t=1.6)



NOTE 1 APPLICABLE PLUG OF THE EXTERNAL POWER SUPPLY JACK PORTION IS IN ACCORDANCE WITH EIAJ.RC-5320 VOLTAGE CLASSIFICATION 3.

2 HATCHING AREA IS ROUGHLY FINISHED.

2	PHOSPHOR BRONZE	SELECTIVE GOLD PLATING	4	COPPER ALLOY	SILVER PLATING
1	PBT	UL94V-0 BLACK	3	COPPER ALLOY	SILVER PLATING
NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS
CODE NO. (OLD) CL			DRAWN	DESIGNED	CHECKED
			G. Sato 05.10.04	T. Taniguchi 05.10.04	Y. Enami 05.10.07
				APPROVED	RELEASED
				X. Miwa 05.10.13	
DRAWING NO. EDC3-122834-01			PART NO. TM5RT-1208PWJ (50)		
SCALE 2 : 1			CODE NO. CL222-4106-7-50		
UNITS mm			1 1		
HRS HIROSE ELECTRIC CO., LTD					