

△	COUNT	REVISIONS	BY	CHKD	DATE	△	COUNT	REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD		CONTACT No. 1 ~ 8		AC 125 V	DC 7	APPLICABLE CABLES	
RATING	VOLTAGE	CONTACT No. 1 ~ 8	500mA	OPERATING TEMPERATURE RANGE		-25°C ~ 80°C	
	CURRENT						
	POWER						
	SPECIALTY						

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT	
1	DESIGN-MATERIAL-FINISH	ADC Applicable Std. and DC 3-23509		—	—	—	○	○	
2	MARKING			—	—	—	○	○	
3	INSULATION RESISTANCE	Must be over the standard value at DC 100 V		100	—	MΩ	○	○	
4	CONTACT RESISTANCE UNIT CONTACT	The voltage drop must be under the Std. value at DC 100 mA		—	200	mΩ	○	○	
	CONTACT	The voltage drop must be under the Std. value at DC A.		—	—	mΩ	—	—	
5	DIELECTRIC WITHSTANDING VOLTAGE	Must keep the AC 500 V for one minute.		—	—	—	○	○	
6	LOW LEVEL CIRCUIT	The Contact Resistance must be under the Std. value at DC 20 mV less and 1 mA.		—	—	mΩ	—	—	
7	DRY CIRCUIT	Must have conductivity in alternate current at DC μV.		—	—	—	—	—	
8	CONTACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the Std. value at applicable gauge.	gauge size	—	—	gf	—	—	
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.	MATING UNMATING	—	—	kgf	—	—	
9	HUMIDITY	Insulation resistance must be over the Std. Value at 40°C 90 ~ 95% 500 h.	at high humidity	JIS C 5402 7.3	1	—	MΩ	○	—
			after high humidity		10	—	MΩ	○	—
10	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10 ~ 55 Hz. Total amplitude 1.5mm, —G at 2 hours for 3 directions.	JIS C 5402 6.1	—	—	—	○	—	
11	SHOCK	Must have no damage, crack and looseness of parts at 50 G at 3 times for 3 directions.	JIS C 5402 6.2	—	—	—	○	—	
12	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55 ~ +85 °C, 5 cycles.	JIS C 5402 7.2 (D)	—	—	—	○	—	
13	DURABILITY UNIT CONTACT	Must be less than the Std. value after 200 times insertion and extraction at the condition described in above item No.4.			—	220	mΩ	○	—
					—	—	mΩ	—	—
14	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5% salt water spray for 48 hours	JIS C 5402 7.1	—	—	—	○	—	
15	DIPPING TERMS	UNDER THE TERMS SPECIFIED TO THE RIGHT, MUST HAVE NO PROBLEM FLUX TIGHT AND SOLDERABILITY.	PRE-HEAT: 90°C ~ 130°C SOLDER TEMP 270°C± 5°C	—	—	—	○	—	

REMARKS

製図	担当	検図	発図	承認	出図

FOR REFERENCE ONLY
Subject to change without notice 9/8/00 (委)

DRAWING No. **ELC4-23509** SPECIFICATION SHEET

ISSUED BY

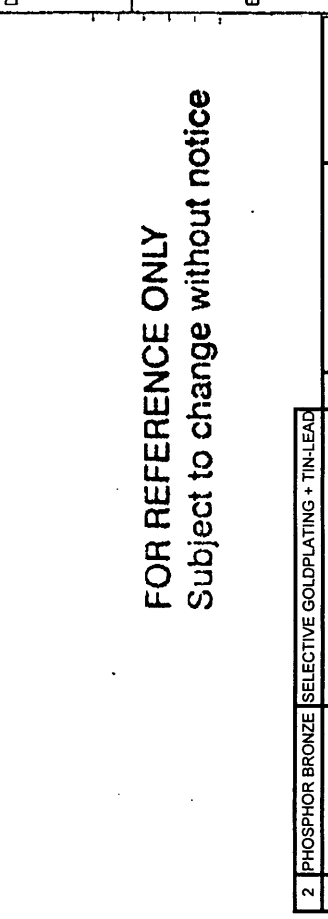
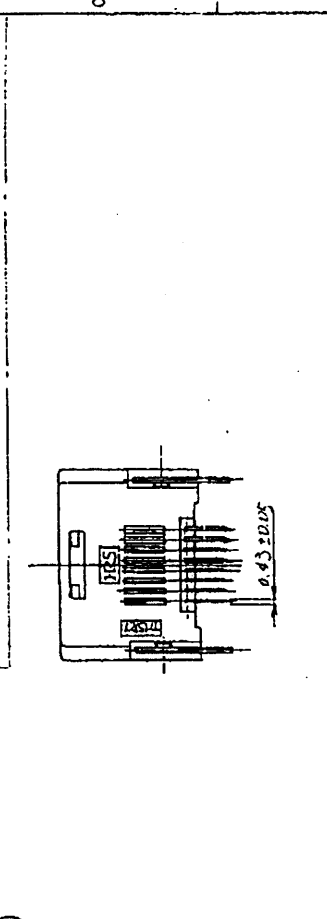
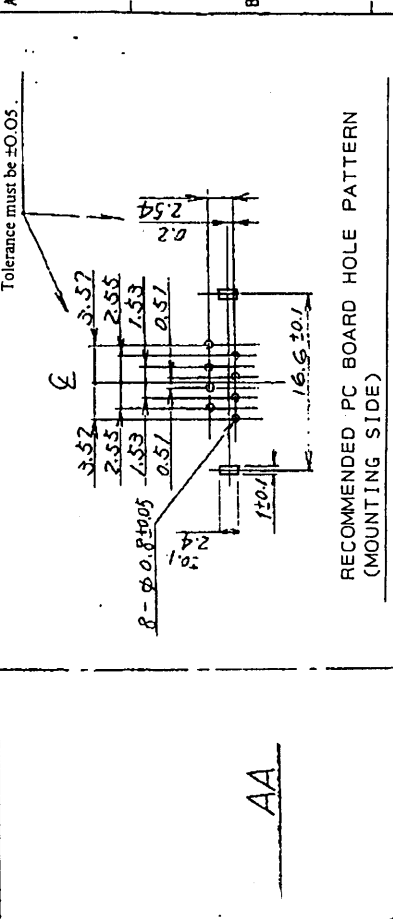
HIROSE ELECTRIC CO., LTD.

PART No. **TM5RJ1-88**

CODE No. **CL 222-1169-0**

NOTE QT:Qualification Test AT:Assurance Test O:Applicable Item FORM No.

5	訂正記事	年月日	年月日	年月日
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△				
△				



2	PHOSPHOR BRONZE	SELECTIVE GOLDPLATING + TIN-LEAD	TIN-LEAD
1	PBT	(GRAY)	FINISH, REMARKS
NO MATERIAL	FINISH, REMARKS	NO MATERIAL	FINISH, REMARKS
寸法区分	公差	検査	承認
64-1.18以下	±0.3	61.1.23	9.6
18.4-30以下	±0.5	61.1.23	USA
50.0-2.125以下	±0.7	61.1.23	
125.0-2.250以下	±1.3	61.1.23	
DC3-23/83-	DC3-23/83-	DC3-23/83-	DC3-23/83-

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