

参考図：ご確認用。正式には別途納入仕様書をご請求願います。

2006/02/21 19:44:40 SROper

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-25 °C TO +85 °C			STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C			
	VOLTAGE	AC 500 V, DC 700 V							
	CURRENT	10 A			APPLICABLE CABLE				
SPECIFICATIONS									
ITEM		TEST METHOD			REQUIREMENTS			QT/AT	
CONSTRUCTION									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			○ ○	
MARKING		CONFIRMED VISUALLY.						○ ○	
ELECTRICAL CHARACTERISTICS									
CONTACT RESISTANCE		CONTACT SHALL BE MEASURED AT DC 1 A.			2 mΩ MAX.			○ ○	
		SHALL BE MEASURED AT DC — A.			mΩ MAX.			— —	
INSULATION RESISTANCE		500 V DC			1000 MΩ MIN.			○ ○	
VOLTAGE PROOF		1500 V AC FOR 1 min			NO FLASHOVER OR BREAKDOWN.			○ ○	
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND WITHDRAWAL FORCES		φ 2.362 ^{±0.003} BY STEEL GAUGE.			INSERTION AND WITHDRAWAL FORCES: 0.9~6.6 N.			○ —	
CONNECTOR INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR, WITHOUT LOCKING DEVICE WITH LOOK.			INSERTION AND WITHDRAWAL FORCES: 40 N MAX.			○ —	
MECHANICAL OPERATION		2000 TIMES INSERTIONS AND EXTRACTIONS			CONTACT RESISTANCE: 4 mΩ MAX.			○ —	
					RESISTANCE: — mΩ MAX.			— —	
VIBRATION		FREQUENCY 10 TO 55 Hz, AMPLITUDE 0.75 mm, — m/s ² AT 2 h FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○ —	
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○ —	
ENVIRONMENTAL CHARACTERISTICS									
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90 TO 95 %, 96 h.			① INSULATION RESISTANCE: — MΩ MIN (AT HIGH HUMIDITY). ② INSULATION RESISTANCE: 100 MΩ MIN (AT DRY). ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○ —	
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → R/T ^① → +85 → R/T °C TIME 30 → 10 TO 15 → 30 → 10 TO 15 min UNDER 5 CYCLES.			① INSULATION RESISTANCE: 100 MΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○ —	
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h			NO HEAVY CORROSION.			○ —	
DRY HEAT		EXPOSED AT + 85 °C, 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○ —	
COLD		EXPOSED AT - 55 °C, 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○ —	
RESISTANCE TO SOLDERING HEAT		SOLDER TEMPERATURE, + 350 ± 10 °C FOR IMMERSION, DURATION, 5 ± 1 s.			NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.			○ —	
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, +350 ± 10 °C FOR IMMERSION DURATION, 2~3 s.			A UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMersed.			○ —	
SEALING		EXPOSED AT A DEPTH OF OF — m FOR — h.			NO WATER PENETRATION INSIDE CONNECTOR.			— —	
AIRTIGHTNESS		APPLY AIR PRESSURE — KPa FOR — min TO INSIDE CONNECTOR.			NO AIR BUBBLES INSIDE CONNECTOR.			— —	
REMARKS									
① SEALING AND AIRTIGHTNESS SHALL BE TESTED BY APPLICABLE CONNECTOR.				DRAWN HYOKIMIZO		DESIGNED M. Satoh		CHECKED APPROVED RELEASED	
NOTE ① ROOM TEMPERATURE. Unless otherwise specified, refer to JIS C 5402.				97.8.19		97.8.19		97.8.23	
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. R M 15 T R H - 4 S A		
CODE NO. (OLD) CL		DRAWING NO. ELC4 - 027794			CODE NO. CL 109-0848-9			1/1	

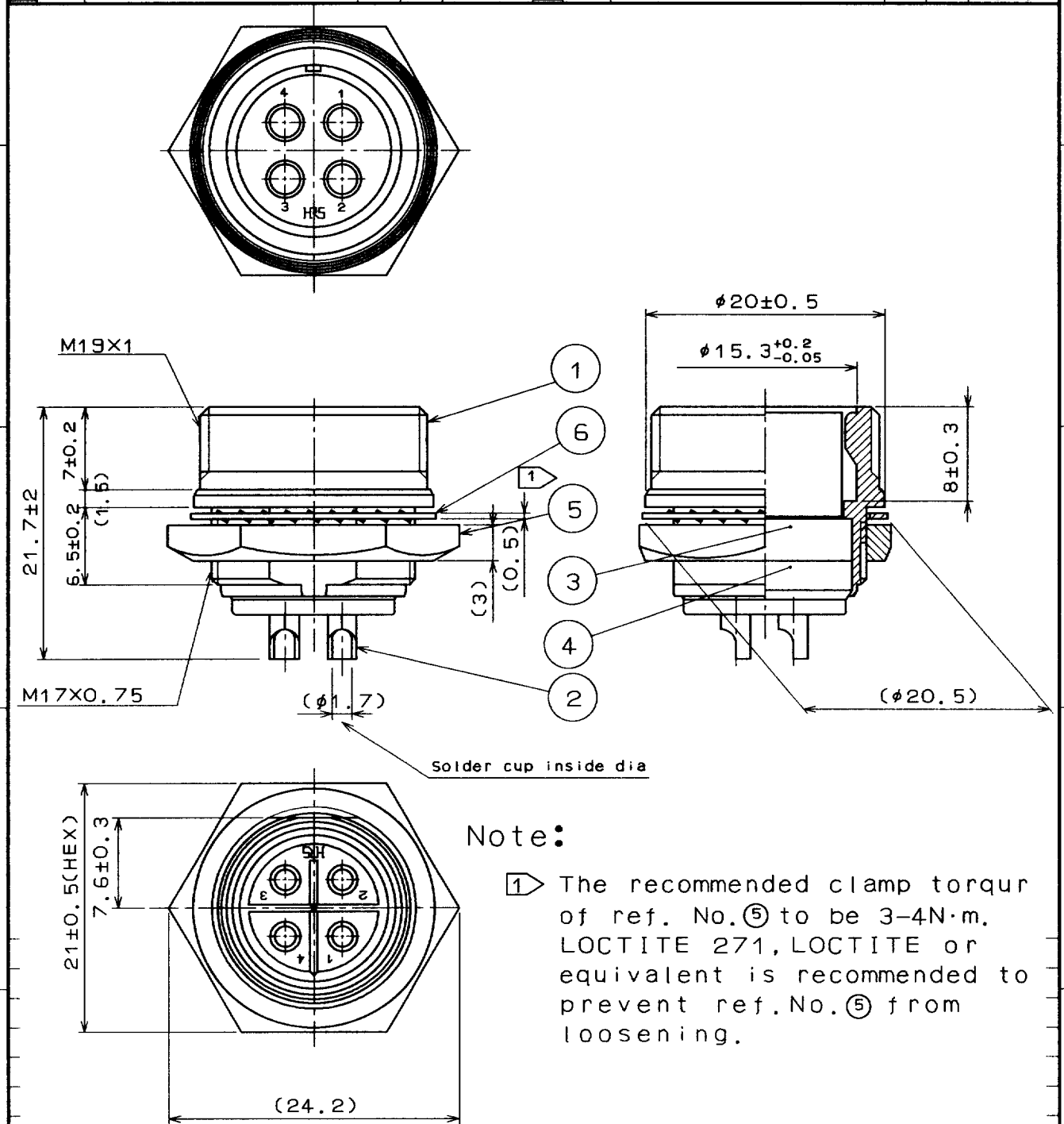
TO
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VS

FORM NO. 231-1



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Note:

- ① The recommended clamp torque of ref. No. ⑤ to be 3-4N·m. LOCTITE 271, LOCTITE or equivalent is recommended to prevent ref. No. ⑤ from loosening.

3	Diallyl phthalate	Black, UL94V-0	6	Phosphor bronze	Nickel plating
2	Copper alloy	Silver plating	5	Brass	Nickel plating
1	Brass	Nickel plating	4	Diallyl phthalate	Black, UL94V-0
NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS

CODE NO. (OLD)		DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
		H. YOKOMIZO	M. SATO		<i>M. Gashida</i>	
		97.8.20	97.8.20		97.8.23	
DRAWING NO. EDC4-027794		PART NO. RM15TRH-4SA				
UNITS mm		CODE NO. CL109-0848-9				1/1
HRS HIROSE ELECTRIC CO., LTD.						

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