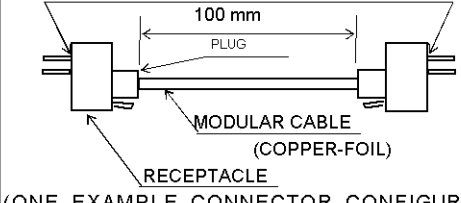

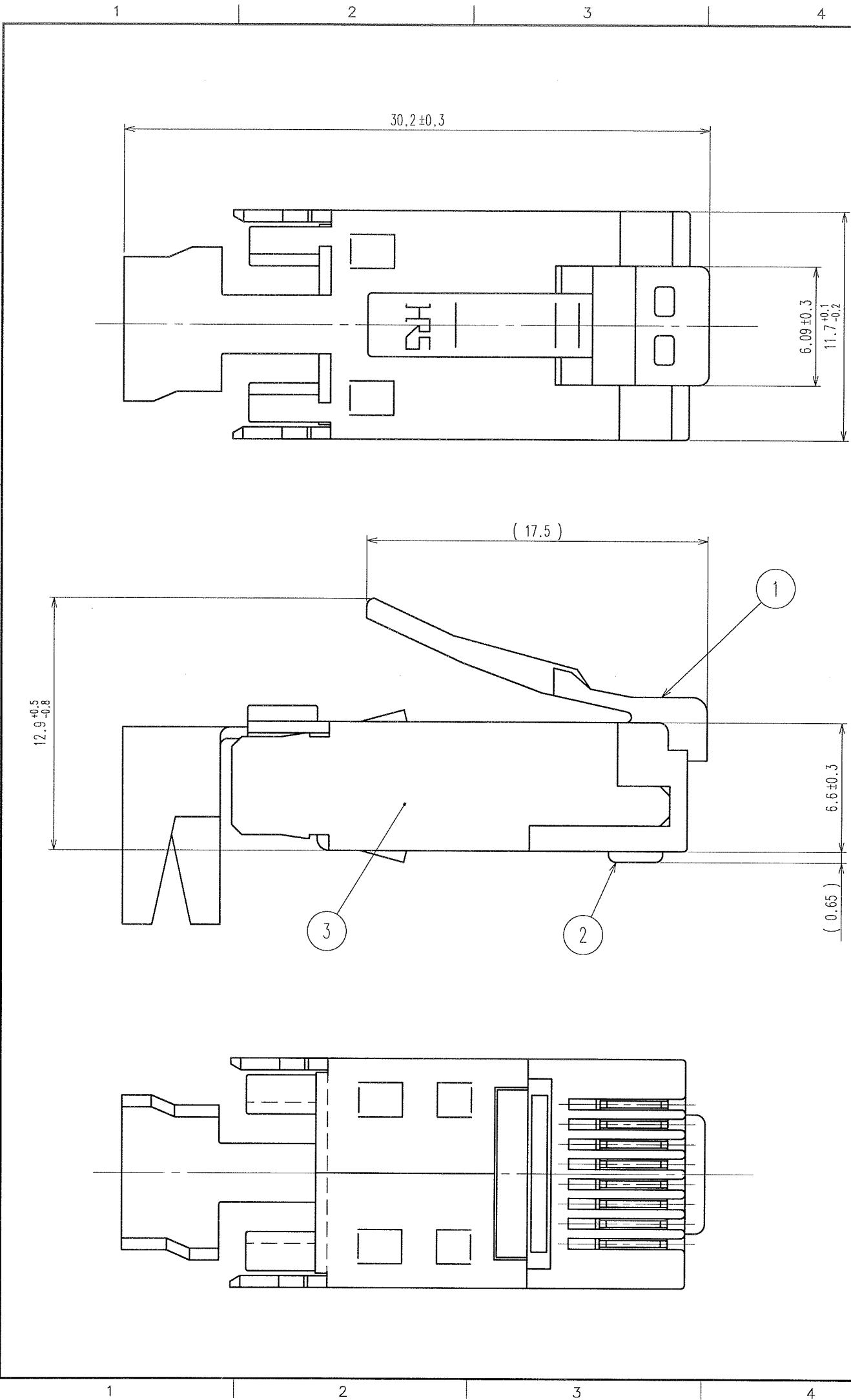


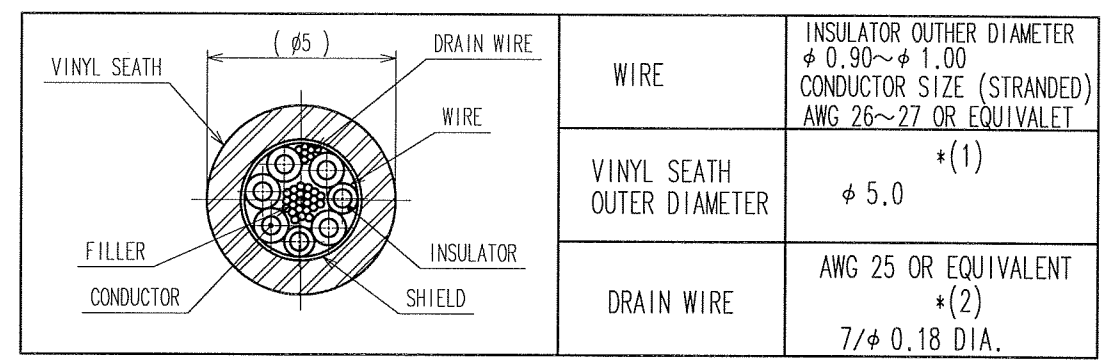
APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-25 °C TO 60 °C	STORAGE TEMPERATURE RANGE °C TO °C	
	VOLTAGE	125 V AC	CURRENT 500 mA	
SPECIFICATIONS				
ITEM	TEST METHOD	REQUIREMENTS	QT AT	
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X X	
MARKING	CONFIRMED VISUALLY.		X X	
ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz AC). MEASUREMENT POINTS SHALL BE AS FOLLOWS. TEST POINT  (ONE EXAMPLE CONNECTOR CONFIGURATION IS SHOWN.)	230 mΩ MAX.	X X	
INSULATION RESISTANCE	100 V DC.	100 MΩ MIN.	X X	
VOLTAGE PROOF	500 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X X	
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	750 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE: 250 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X -	
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2 h, FOR 3 DIRECTION.	1) NO ELECTRICAL DISCONTINUITY OF 5μs. 2) CONTACT RESISTANCE: 250 mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X -	
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X -	
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT, CYCLIC	EXPOSED AT 40 °C, 90 TO 95 %, 500 h.	1) CONTACT RESISTANCE: 250 mΩ MAX. 2) INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) 10 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X -	
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5 TO 35 → 85 → 5 TO 35 °C TIME 30 → 10 TO 15 → 30 → 10 TO 15 min UNDER 5 CYCLES.	1) CONTACT RESISTANCE: 250 mΩ MAX. 2) INSULATION RESISTANCE: 100 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X -	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	1) CONTACT RESISTANCE: 250 mΩ MAX. 2) NO HEAVY CORROSION.	X -	
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
0				
REMARK		APPROVED	HO. MIWA	06.06.29
		CHECKED	YH. ENAMI	06.06.29
		DESIGNED	TU. TANIGUCHI	06.06.28
		DRAWN	YK. SATO	06.06.27
Unless otherwise specified, refer to JIS C 5402.				
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC4-120679-03	
HRS	SPECIFICATION SHEET	PART NO.	TM11AP-88P (61)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL222-2780-6-61	 1/1

TO
Q1

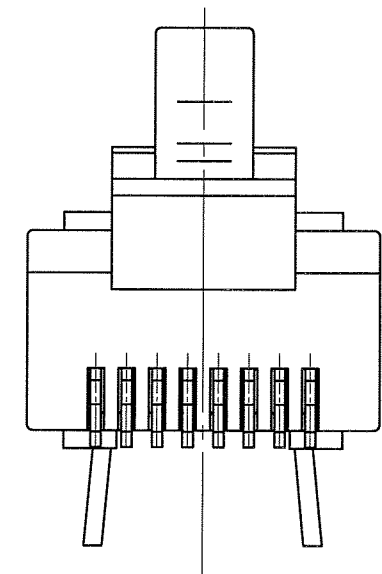


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE

NOTES 1 APPLICABLE CABLE



*(1) CABLE ENTRY IS 5.6 MIN.
*(2) CONSTRUCTION IS FOR REFERENCE.



2	PHOSPHOR BRONZE	GOLD PLATING			
1	POLYCARBONATE	TRANSPARENCY	3	BRASS	TIN REFLOW PLATING
NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS
CODE NO. (OLD) CL		DRAWN	DESIGNED	CHECKED	APPROVED
		<i>G. Sato</i> 05.10.04	<i>T. Toniguchi</i> 05.10.04	<i>Y. Enami</i> 05.10.07	<i>A. Miura</i> 05.10.13
DRAWING NO. EDC3-120679-03		PART NO. TM11AP-88P(61)			
SCALE 4 : 1		UNITS mm		CODE NO. CL222-2780-6-61	
HRS HIROSE ELECTRIC CO., LTD				1/1	