

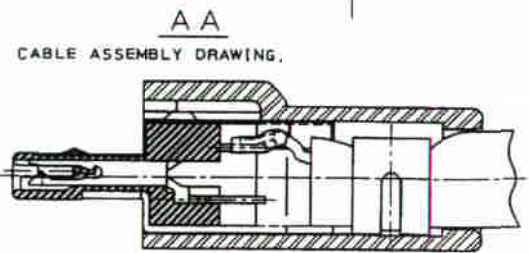
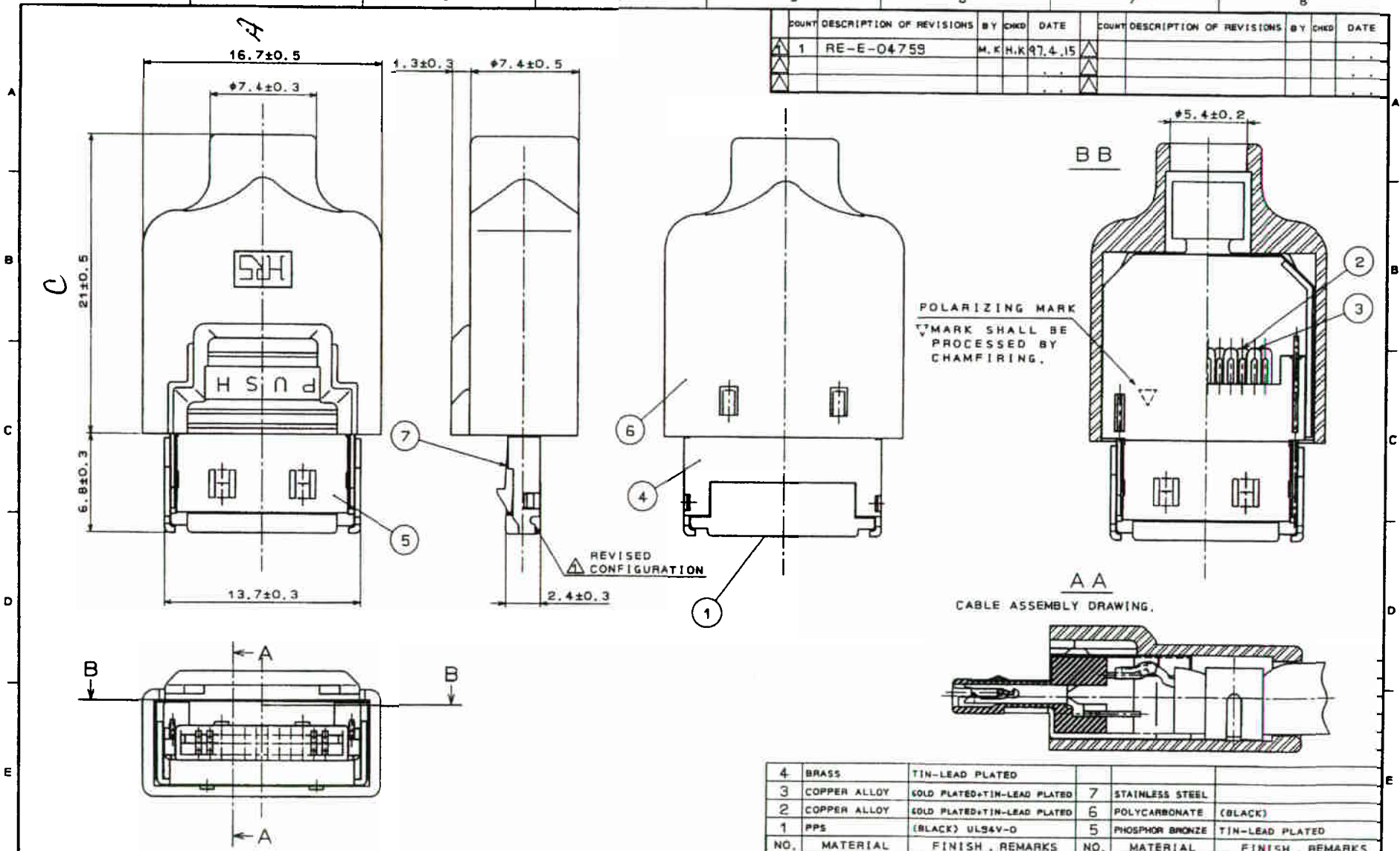
[Drawing for reference] This is subject to change without notice.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
APPLICABLE STANDARD OPERATING TEMPERATURE RANGE: -30 TO 70℃ STORAGE TEMPERATURE RANGE: — TO — VOLTAGE: AC 125 V OPERATING HUMIDITY RANGE: — % TO — % CURRENT: 0.5 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	1 mA (DC OR 1000 Hz).	40 mΩ MAX. (D)	○	○					
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX. — mA (DC OR 1000 Hz).		—	—					
INSULATION RESISTANCE	100 V DC	250 MΩ MIN.	○	○					
VOLTAGE PROOF	300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	○	○					
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND EXTRACTION FORCES	— BY STEEL GAUGE.	INSERTION FORCE — N MAX. EXTRACTION FORCE — N MIN.	—	—					
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE 20 N MAX. EXTRACTION FORCE 2 N MIN.	○	—					
MECHANICAL OPERATION	10000 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—					
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 1.52 mm, — mm/s ² AT 2 Hz FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 5 Hz.	○	—					
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTION.	① NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—					
ENVIRONMENTAL CHARACTERISTICS									
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 -5 to 25 -5 to 35℃ TIME 30 -10 to 15 -30 -10 to 15 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: — mΩ MAX. ② INSULATION RESISTANCE: — MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—					
DAMP HEAT (STEADY STATE)	EXPOSED AT 60 t. 90 to 95% H. 96 h.	① CONTACT RESISTANCE: — mΩ MAX. ② INSULATION RESISTANCE: 100 MΩ MIN. (AFTER DRY) ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—					
CORROSION SALT MIST	EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.	① CONTACT RESISTANCE: — mΩ MAX. ② NO HEAVY CORROSION.	○	—					
HYDROGEN SULPHIDE	EXPOSED IN — PPM FOR — h. (TEST STANDARD: JEIDA-38)		—	—					
LOCKING FORCE	PULL THE CONNECTOR, CABLE AXIALLY PULL THE CONNECTOR, 90° UP, DOWN AND SIDWAYS	50 N MIN 25 N MIN	○	—					
(D) WITHOUT BULK RESISTANCE									
DRAWING FOR REFERENCE This is subject to change without notice.									
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5102.					K. Hoshino 95.11.8	Y. Gami 95.11.9	S. Arai 95.11.9	S. Iwata 95.11.9	1185 1.911 1111
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO. 3240-12P-TO-C	
CODE NO. (OLD) CL		DRAWING NO. SLC1-120221			CODE NO. CL 232-0069-8			1/1	

TO
Q1

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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
1	RE-E-04758	M.K.H.K.		97.4.15					



NOTE 1. THE REFERENCE NOS. ④ ⑤ ⑥ SHALL BE ATTACHED.

DRAWING FOR REFERENCE
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4	BRASS	TIN-LEAD PLATED					
3	COPPER ALLOY	GOLD PLATED+TIN-LEAD PLATED	7	STAINLESS STEEL			
2	COPPER ALLOY	GOLD PLATED+TIN-LEAD PLATED	6	POLYCARBONATE (BLACK)			
1	PPS	(BLACK) ULS4V-0	5	PHOSPHOR BRONZE	TIN-LEAD PLATED		

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

CODE NO. (OLD)	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	K. HIROKAWA	Y. ENAMI	T. ASO	S. KIKUTA	98.4.12
	95.11.9	95.11.9	95.11.9	95.11.9	100
DRAWING NO.	PART NO.				
EDC3-120221	3240-12P-TO-C				
SCALE	CODE NO.				
4 : 1	CL232-0069-8				
UNITS	HRS				
mm	HIROSE ELECTRIC CO., LTD.				

TO
Q1