

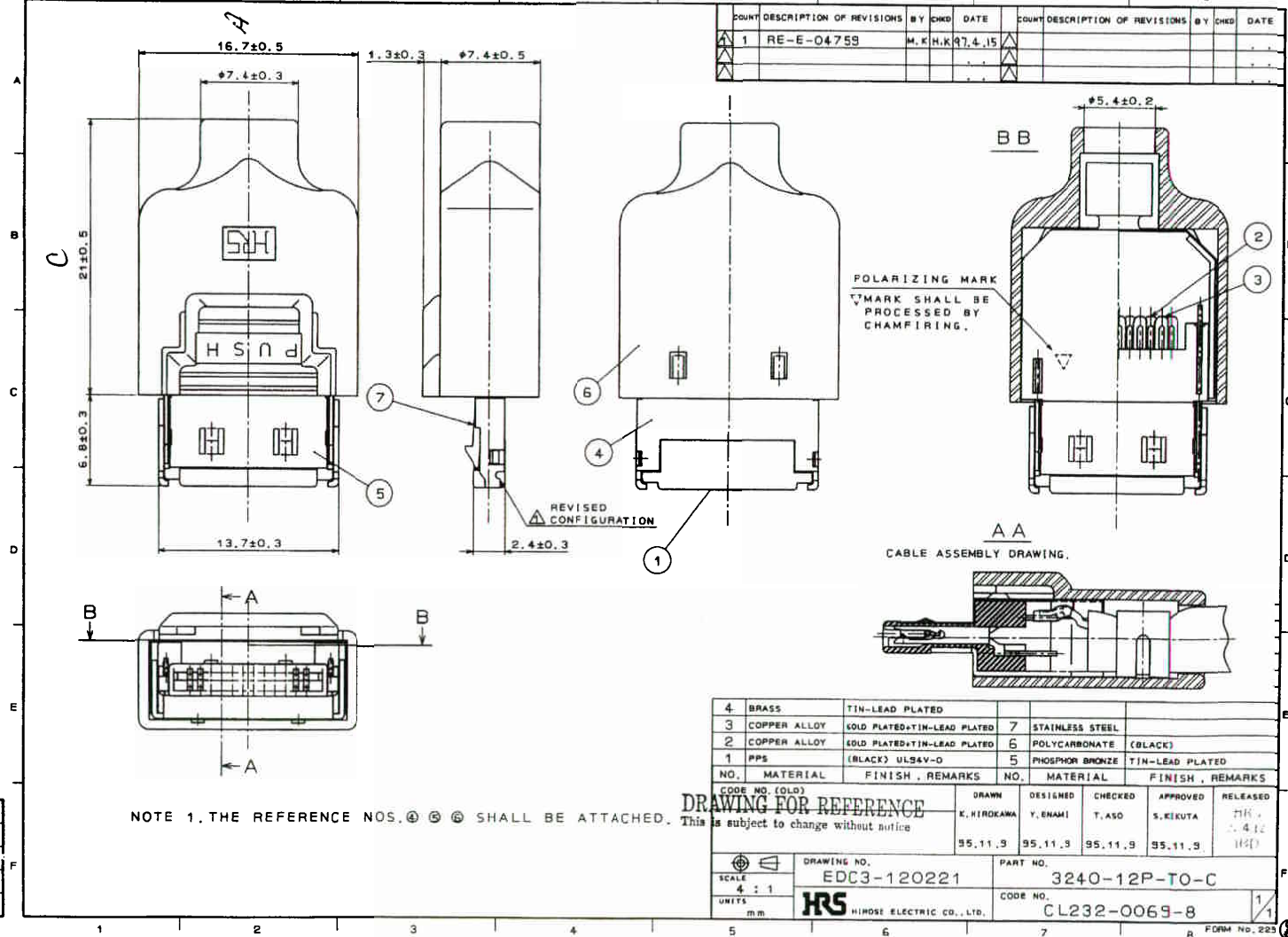
[Drawing for reference] This is subject to change without notice.

COUNT	DESCRIPTION OF REVISIONS	BY	CHECKED	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHECKED	DATE
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-30 TO 70°C			STORAGE TEMPERATURE RANGE	-5 TO 5			
	VOLTAGE	AC 125 V			OPERATING HUMIDITY RANGE	5% TO 95%			
	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, — m/s ² AT 2 Hz FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 5 Hz.			○	—
					② CONTACT RESISTANCE: — mΩ MAX.			—	—
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 85 -5 to 85°C 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				50 N MIN			○	—
	PULL THE CONNECTOR, 90° UP, DOWN AND SIDWAYS				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	Y. Gami	J. A. S.	S. Uemura	1185 1.9.11 11.11
					75.11.8	95.11.7	95.11.9	95.11.9	
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)		DRAWING NO.			CODE NO.				
CL		SLC1-120221			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-04759	M.K.H.K.		97.4.15					



NOTE 1. THE REFERENCE NOS. ④ ⑥ ⑦ SHALL BE ATTACHED.

DRAWING FOR REFERENCE
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NO.	MATERIAL	FINISH	REMARKS	NO.	MATERIAL	FINISH	REMARKS
4	BRASS	TIN-LEAD PLATED		7	STAINLESS STEEL		
3	COPPER ALLOY	GOLD PLATED+TIN-LEAD PLATED		6	POLYCARBONATE (BLACK)		
2	COPPER ALLOY	GOLD PLATED+TIN-LEAD PLATED		5	PHOSPHOR BRONZE	TIN-LEAD PLATED	
1	PPS	(BLACK) UL94V-0					

CODE NO. (OLD)	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	E. HIROKAWA	Y. ENAMI	T. ASO	S. KIKUTA	97.4.15
	95.11.3	95.11.3	95.11.3	95.11.3	(12)

SCALE	DRAWING NO.	PART NO.
4 : 1	EDC3-120221	3240-12P-TO-C
UNITS	CODE NO.	
mm	CL232-0069-8	

TO
Q1