

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD			
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO 70 °C	STORAGE TEMPERATURE RANGE - °C TO - °C
	VOLTAGE	AC 125 V	OPERATING HUMIDITY RANGE - % TO - %
	CURRENT	0.5 A	APPLICABLE CABLE -

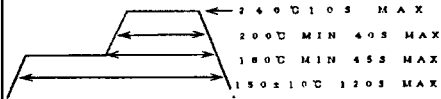
SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○	○
MARKING	CONFIRMED VISUALLY.		○	○

ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	40 mΩ MAX.	○	○
INSULATION RESISTANCE	100 V DC.	250 MΩ MIN.	○	○
VOLTAGE PROOF	300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	○	○

MECHANICAL CHARACTERISTICS				
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 0.75 mm, 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 DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		○	-
LOCKING FORCE	PULL THE CONNECTOR, CABLE AXIALLY	50 N MIN.	○	-

ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5~35 → 85 → 5~35 °C TIME 30 → 2~3 → 30 → 2~3 min UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
DAMP HEAT (STEADY STATE)	EXPOSED AT 60 °C, 90~95 %, 96 h.	① INSULATION RESISTANCE: 100 MΩ MIN. (AT DAY) ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○	-
CORROSION SALT MIST	EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	○	-
SOLDERING CONDITION	 <p>240 °C 10 S MAX 200 °C MIN 40 S MAX 180 °C MIN 45 S MAX 150 ± 10 °C 120 S MAX THERE SHALL BE NO DEFECT AT CONDITION.</p>		○	-

FOR REFERENCE ONLY
Subject to change without notice

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.	<i>M. Shingama</i> 01.3.14	<i>M. Shingama</i> 01.3.14	<i>J. Enami</i> 01.3.14	<i>H. Murai</i> 01.03.14	

Note QT:Qualification Test AT:Assurance Test ○:Applicable Test

HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET	PART NO.
CODE NO.(OLD)	DRAWING NO.	CODE NO.	
	ELC4-120858-02	CL232-0090-4-01	1/1

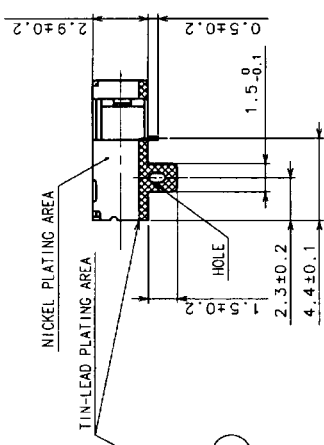
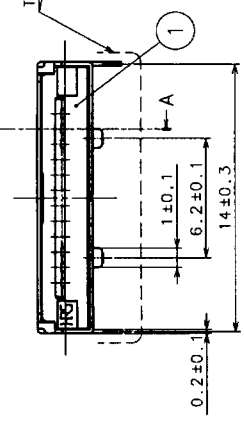
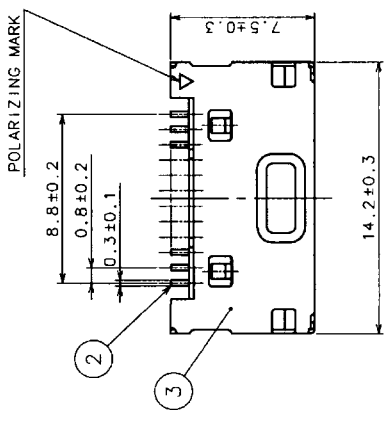
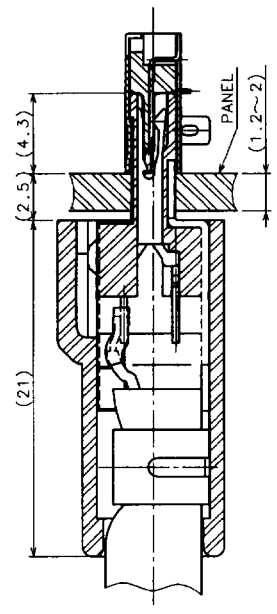
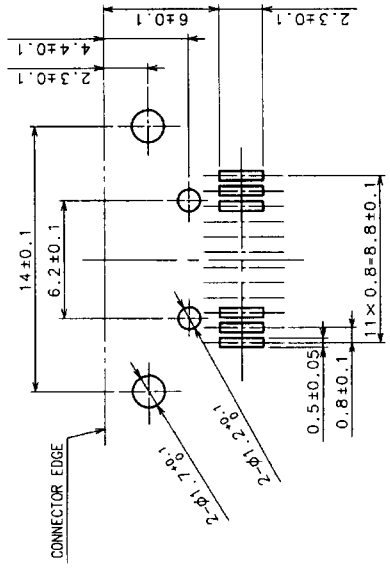


TO
Q1

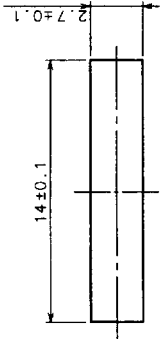
NO.	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COMT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE

MOUNTED CONNECTOR ON PCB
MOUNTING FACE

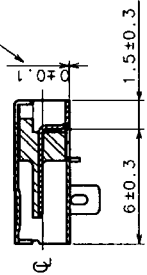
FIGURE OF MATING



PANEL CUTOFF



A-A
CO-PLANARITY



TO	Q1		
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NO.	MATERIAL	FINISH, REMARKS	DESIGNED	CHECKED	APPROVED	FINISH, REMARKS
1	PPS	BLACK (UL94V-0)				3 STAINLESS STEEL SELECTIVE TIN-LEAD PLATING
2						2 PHOSPHOR BRONZE SELECTIVE GOLD PLATING
3						

DRAWN: *M. Hasegawa*
 DESIGNED: *M. Hasegawa*
 CHECKED: *Y. Sawai*
 APPROVED: *K. Minato*
 DATE: 01.3.14
 HRS 5.28.12
 354

DRAWING NO. EDC3-120858-02
 PART NO. 3260B-12S3(01)
 CODE NO. CL232-0090-4-01
 HIRASE ELECTRIC CO., LTD.