

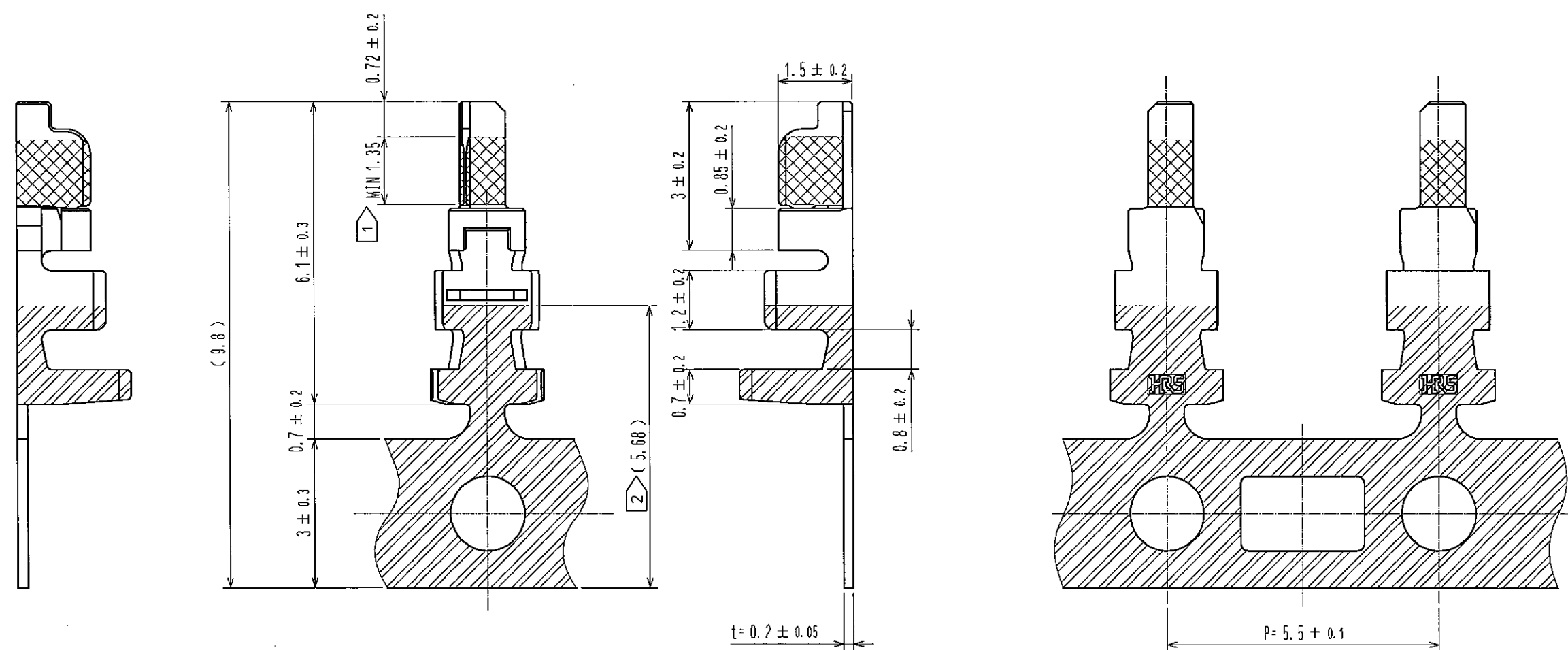
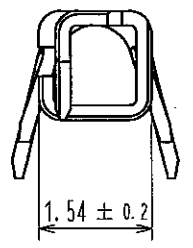
APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +105°C (NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60°C (NOTE3)	
	OPERATING HUMIDITY RANGE	20% TO 80% (NOTE2)	STORAGE HUMIDITY RANGE	40% TO 70% (NOTE3)	
	APPLICABLE CONNECTOR	DF59- * P-2C	CURRENT	3A	
	APPLICABLE CABLE	UL1061 AWG22	VOLTAGE △	SPECIFICATION	AC/DC 230V
	UL/C-UL			TBD	
	TÜV			TBD	
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	DC6V MAX, 100mA.		30mΩ MAX.	X	-
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	30 TIMES INSERTION AND EXTRACTION.		①30mΩ MAX. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
VIBRATION	FREQUENCY 10 TO 55Hz, SINGLE AMPLITUDE 0.75mm, AT 10CYCLES FOR 3DIRECTION.		①NO ELECTRICAL DISCONTINUITY OF 1 μs. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			X	-
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2°C , 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)		①30mΩ MAX. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55°C→ +85°C TIME 30min→ 30min UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2~3 min) (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)			X	-
NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT. NOTE2:NO CONDENSING NOTE3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFOR PCB ON BOARD, AFTER PCB BOARD OPERATING TEMPERATURE AND HUMIDITTY RANGE IS APPLIED FOR INTERIM STRAGE DURING TRANSPORTATION.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△	1	DIS-H-005618	KT. ISHII	OM. MIYAMOTO	11.03.24
REMARKS			APPROVED	KI. AKIYAMA	10.09.29
			CHECKED	OM. MIYAMOTO	10.09.29
Unless otherwise specified, refer to JIS C 5402 and IEC60512.			DESIGNED	KT. ISHII	10.09.29
			DRAWN	KT. ISHII	10.09.29
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-331131-01	
HRS	SPECIFICATION SHEET		PART NO.	DF59-22PCFA	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	GL667-0016-8-00	△ 1/1

FORM HD0011-2-1

DRAWING FOR REFERENCE
This is subject to change without notice



A
B
C
D
E
F



DRAWING FOR REFERENCE
This is subject to change without notice

NOTE. 1 GOLD PLATING AREA POSITION.
2 TIN PLATING AREA POSITION.
3 REEL : 10000 CONTACTS.

NO. 1		MATERIAL PHOSPHOR BRONZE		CONTACT AREA : GOLD PLATING 0.2 μm MIN CARRIER AREA : TIN PLATING 1 μm MIN OTHERS : NICKEL PLATING 0.5 μm MIN		
UNITS mm	SCALE 5 : 1	COUNT △	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
APPROVED : KI. AKIYAMA 10.09.28		DRAWING NO. EDC3-331131-01				
CHECKED : OM. MIYAMOTO 10.09.27		PART NO. DF59-22PCFA				
DESIGNED : KT. ISHII 10.09.27		CODE NO. CL667-0016-8-00				
DRAWN : KY. ISHII 10.09.27						1/1

ENG
10.11.4
DEPT