

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35°C TO + 85°C (NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO + 60°C (NOTE 3)	
	OPERATING HUMIDITY RANGE	20 % TO 80 % (NOTE 2)	STORAGE HUMIDITY RANGE	40 % TO 70 % (NOTE 3)	
	VOLTAGE	AC/DC 100V	APPLICABLE CONNECTOR	DF50-30DP-1V DF50-30DP-1H	
	CURRENT	AWG 28 : 1.0 A AWG 30 : 0.9 A AWG 32 : 0.7 A	APPLICABLE CONTACT	DF50-2830SCFA DF50-3032SCFA	
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					
INSULATION RESISTANCE		100V DC.	500MΩ MIN.	X	—
VOLTAGE PROOF		300V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	—
MECHANICAL CHARACTERISTICS					
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR EACH, FOR 3 DIRECTIONS.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① INSULATION RESISTANCE: 100MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→+85°C TIME 30→ 30min. UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2~3 min)		① INSULATION RESISTANCE: 500MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
REMARKS					
NOTE 1: INCLUDING THE TEMPERATURE RISE BY CURRENT.					
NOTE 2: NON-CONDENSING					
NOTE 3: APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD. AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION					
Unless otherwise specifid , refer to JIS C 5402.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
			APPROVED	KI. AKIYAMA	11. 11. 24
			CHECKED	OM. MIYAMOTO	11. 11. 24
			DESIGNED	TT. OHSAKO	11. 11. 21
			DRAWN	TT. OHSAKO	11. 11. 21
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-339823-00
HRS	SPECIFICATION SHEET		PART NO.	DF50S-30DS-1C	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL665-0021-5-00	△ 1/1

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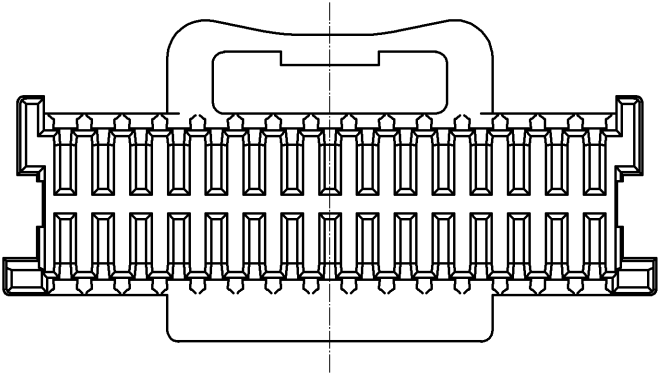
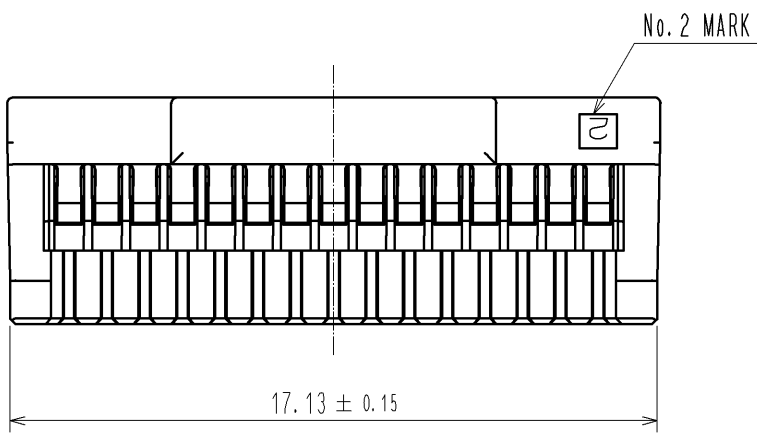
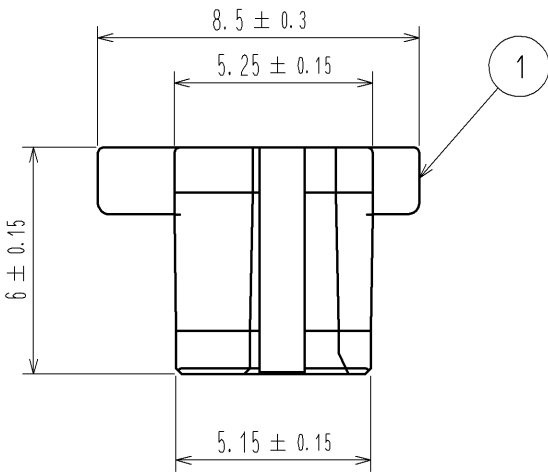
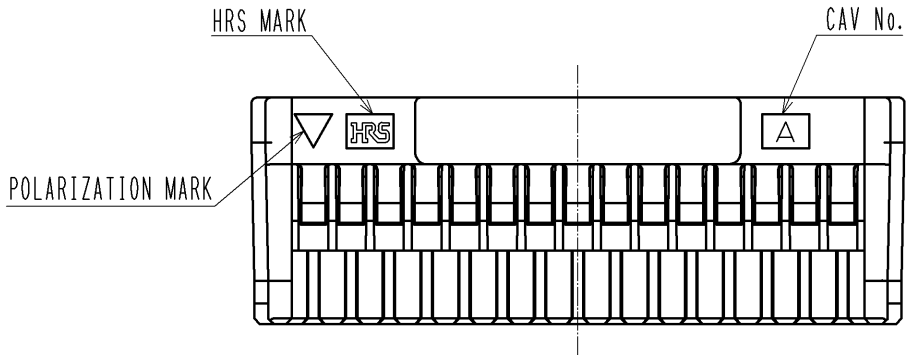
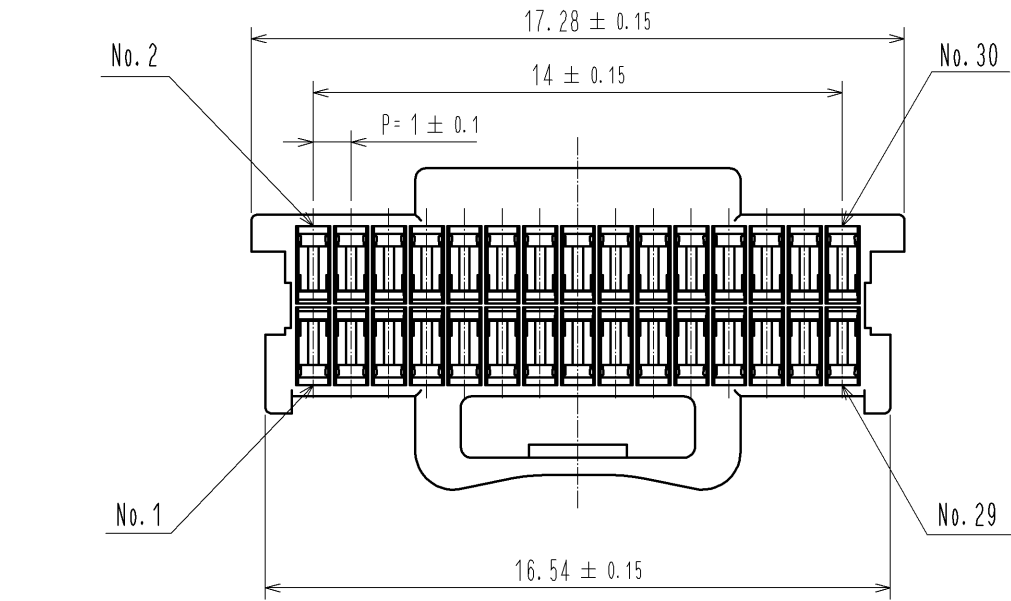
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NOTE1. PER PACK:100 PIECES

NO.				FINISH . REMARKS				1	PBT	UL94V-0. WHITE
UNITS				SCALE				NO.		
mm				5 : 1				MATERIAL		
								FINISH . REMARKS		
APPROVED : KI. AKIYAMA				11.11.24				DRAWING NO.		
CHECED : OM. MIYAMOTO				11.11.22				PART NO.		
DESIGNED : TT. OHSAKO				11.11.21				CODE NO.		
DRAWN : TT. OHSAKO				11.11.21				CL665-0021-5-00		
EDC3-339823-00				DF50S-30DS-1C						
1				1				1/1		