

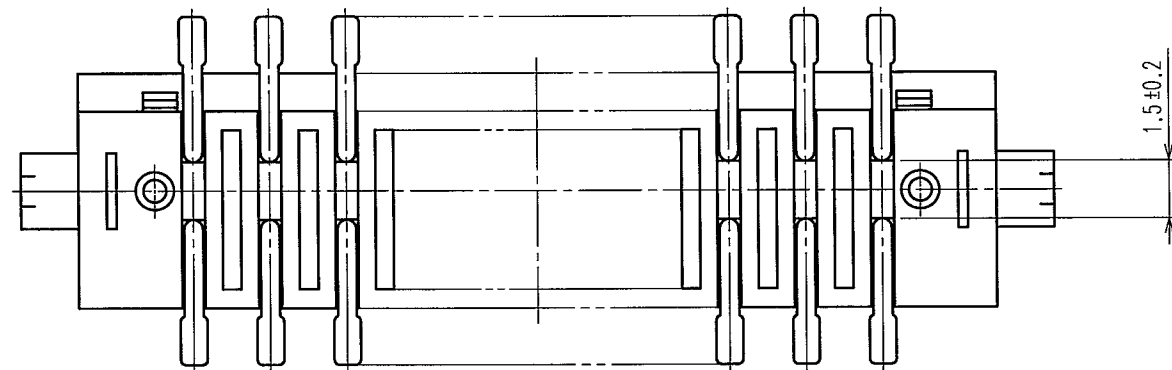
APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-30°C TO + 85°C (NOTE 1)		STORAGE TEMPERATURE RANGE	-10°C TO + 60°C (NOTE 2)
	OPERATING HUMIDITY RANGE	40% TO + 80%		STORAGE HUMIDITY RANGE	40% TO + 70% (NOTE 2)
	VOLTAGE	250V AC		VOLTAGE	30V AC
	CURRENT	AWG 22 TO 26 : 2A AWG 28 : 1A AWG 30 : 0.5A		UL-CSA RATING	AWG 22 : 2A AWG 24 TO 28 : 1A AWG 30 : 0.5A
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		100mA (DC OR 1000 Hz).		30mΩ MAX.	X —
INSULATION RESISTANCE		500V DC.		1000MΩ MIN.	X —
VOLTAGE PROOF		650V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	X —
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO 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					
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→5 TO 35→+85 →5 TO 35 °C TIME 30 →5 TO 15 →30 →5 TO 15 min UNDER 5 CYCLES.		① CONTACT RESISTANCE: 30mΩ MAX. ② INSULATION RESISTANCE: 1000MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 30mΩ MAX. ② INSULATION RESISTANCE: 500MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
2	DIS-H-002460		AK. MIURA	HK. UMEHARA	07. 09. 29
			APPROVED	TY. OMA	05. 08. 11
			CHECKED	HK. UMEHARA	05. 08. 11
			DESIGNED	IO. DENPOUYA	05. 08. 11
			DRAWN	MK. MATSUO	05. 08. 08
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-306017-04
HRS	SPECIFICATION SHEET		PART NO.	DF11Z-*DP-2V (27)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL543	1/2

FORM HD0011-2-1

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
RESISTANCE TO SOLDERING HEAT 	1) AUTOMATIC SOLDERING (REFLOW) 《REFLOW AREA》 MAX 250°C WITHIN 10 sec. MIN 230°C WITHIN 60 sec.  《PREHEATING AREA》 150 TO 180°C 90 TO 120 sec. PUT THROUGH IN REFLOW FURNACE TWICE. LEAVE IN AMBIENT TEMPERATURE AND HUMIDITY FOR 1 HOUR. CONNECTOR TEMPERATURE TO BE AMBIENT FOR SECOND REFLOW. 2) MANUAL SOLDERING SOLDERING IRON TEMPERATURE :290±10°C, SOLDERING TIME :3s. NO STRENGTH ON CONTACT.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	X	—
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 230±5°C FOR IMMERSION, DURATION, 3 s.	A NEW UNIFORM COATING OF SOLDER SHALL COVER MINIMUM OF 95 % OF THE SURFACE BEING IMMersed.	X	—
REMARKS NOTE 1: INCLUDING THE TEMPERATURE RISE BY CURRENT. NOTE 2: 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 INTERM STORAGE DURING TRANSPORTATION. NOTE 3: THE TEMPERATURE PROFILE SHALL BE APPLIED WITHIN 168 HOURS AFTER OPENING MOISTURE-PROOF PACKAGING. WHEN 168 HOURS PASSED AFTER OPENING, APPLY THE BOTTOM REQUIREMENTS.  《REFLOW AREA》 MAX 240°C WITHIN 10 sec. MIN 230°C WITHIN 60 sec.  《PREHEATING AREA》 150 TO 180°C 90 TO 120 s.				
Unless otherwise specified, refer to JIS C 5402.				
Note QT: Qualification Test AT: Assurance Test X: Applicable Test		DRAWING NO.	ELC4-306017-04	
	SPECIFICATION SHEET	PART NO.	DF11Z-*DP-2V (27)	
	HIROSE ELECTRIC CO., LTD.	CODE NO	CL543	 2/2

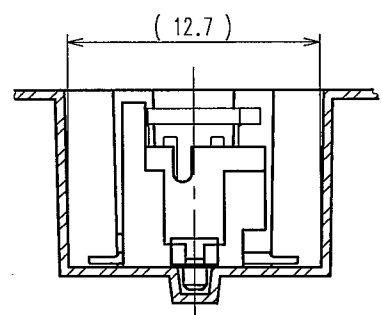
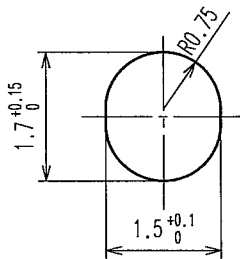
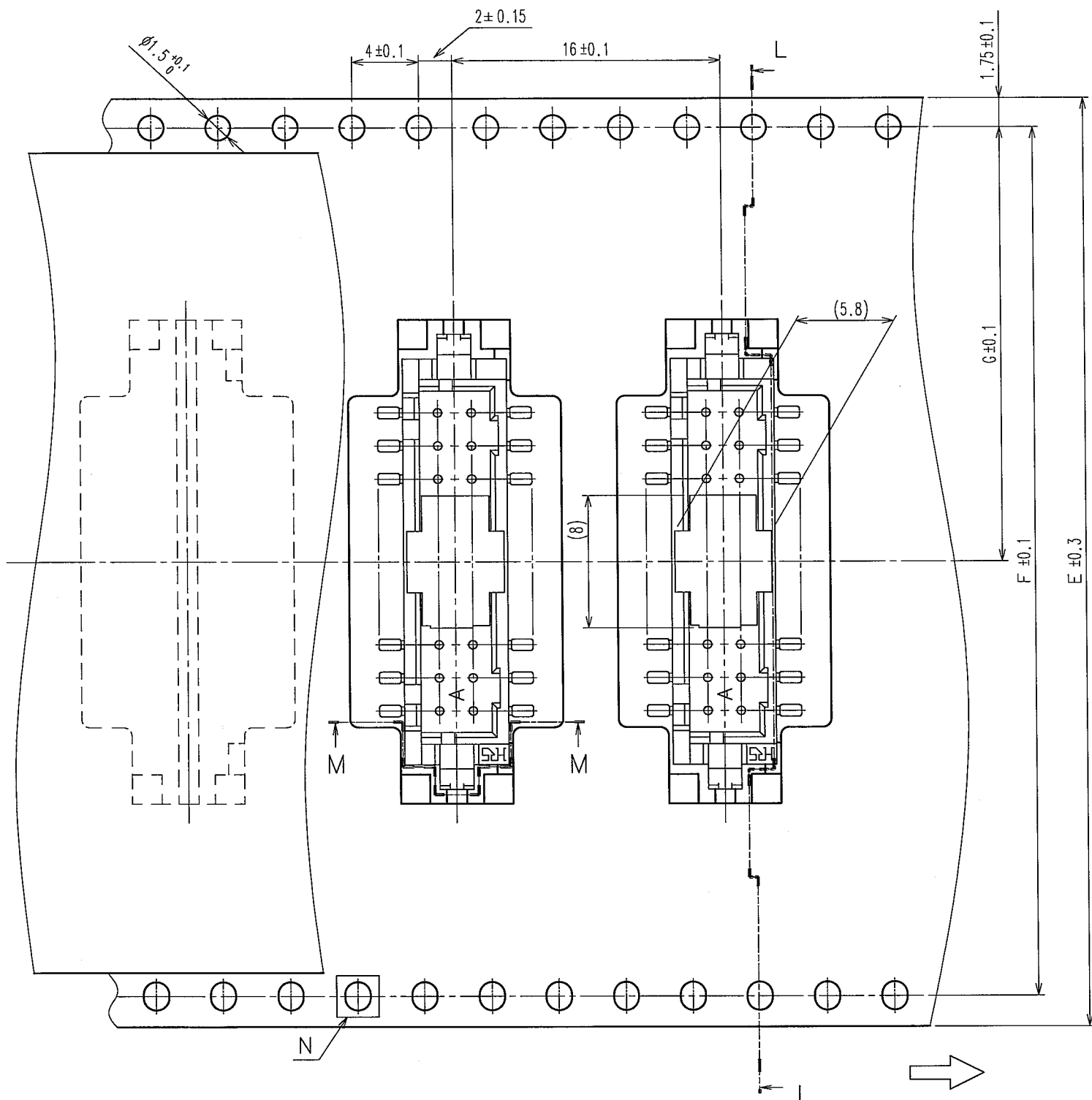
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DRAWING FOR REFERENCE: This is subject to change without notice

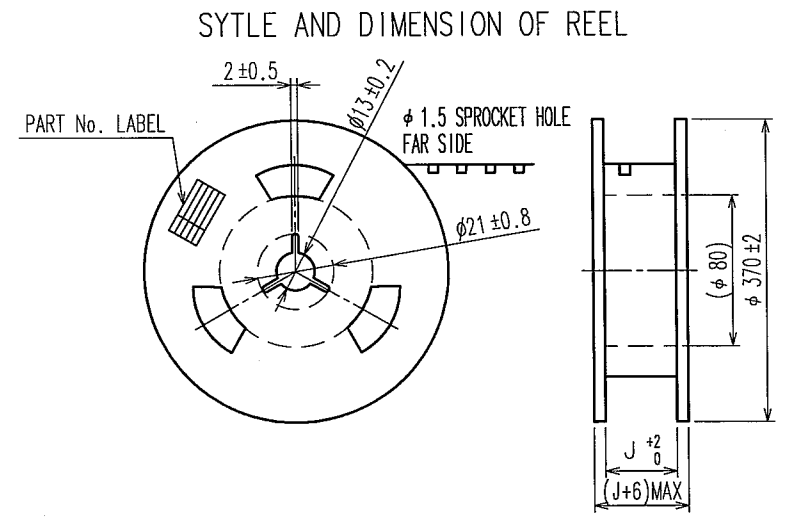
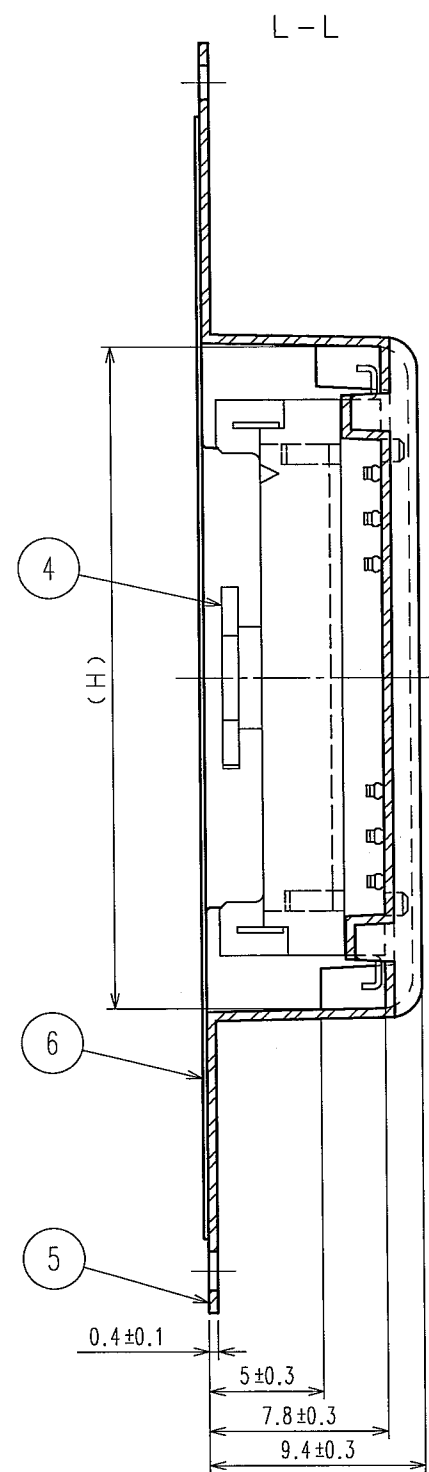
TO



6 DETAIL OF PART No. LABEL	
DATE OF MANUFACTURED	** ** *
CODE NO.	CL543-*****-27
PART NO.	DF11Z-*DP-2V(27)
QUANTITY	500 KO
SUPPLIER	HIROSE ELECTRIC CO.,LTD

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE

PART No.	CONTACT	E	F	G	H	J	K
DF11Z- 4DP-2V(27)	4	24.0	—	11.5	13.2	24.4	PS
DF11Z- 6DP-2V(27)	6	24.0	—	11.5	15.2	24.4	A-PET
DF11Z- 8DP-2V(27)	8	24.0	—	11.5	17.2	24.4	PS
DF11Z-10DP-2V(27)	10	32.0	28.4	14.2	19.2	32.4	PS
DF11Z-12DP-2V(27)	12	32.0	28.4	14.2	21.2	32.4	PS
DF11Z-14DP-2V(27)	14	44.0	40.4	20.2	23.2	44.4	PS
DF11Z-16DP-2V(27)	16	44.0	40.4	20.2	25.2	44.4	A-PET
DF11Z-18DP-2V(27)	18	44.0	40.4	20.2	27.2	44.4	A-PET
DF11Z-20DP-2V(27)	20	44.0	40.4	20.2	29.2	44.4	PS
DF11Z-22DP-2V(27)	22	44.0	40.4	20.2	31.2	44.4	PS
DF11Z-24DP-2V(27)	24	56.0	52.4	26.2	33.2	56.4	PS
DF11Z-26DP-2V(27)	26	56.0	52.4	26.2	35.2	56.4	A-PET
DF11Z-28DP-2V(27)	28	56.0	52.4	26.2	37.2	56.4	A-PET
DF11Z-30DP-2V(27)	30	56.0	52.4	26.2	39.2	56.4	PS
DF11Z-32DP-2V(27)	32	56.0	52.4	26.2	41.2	56.4	PS
DF11Z-40DP-2V(27)	40	72.0	68.4	34.2	49.2	72.4	PS



- NOTES
- 1 REEL:500 CONNECTORS.
 - 5 AT THE BEGINNING OF REEL ,15 COMPONECTS SHALL BE EMPTY, AT THE END OF THE REEL, 10 COMPONENTS SHALL BE EMPTY.
 - 6 DETAIL OF PART No.LABEL IS WRITTEN IN JAPANESE.
 - 7 THE REEL IS POLYETHYLENE PACKAGED WITH AN DRY AGENT INSIDE FOR MOISTURE-PROOF PACKAGING.
 - 8 FOR THE STORAGE OF 168 HOURS OR MORE AFTER OPENING THE PACKAGE, KEEP THE PRODUCTS UNDER MOISTURE PROOF CONDITIONS.
 - 9 EXCEPT ON THE MATING SURFACE, COMPONENT INFLATION DOES NOT AFFECT THE PRODUCTS PERFORMANCE.

CODE NO. (OLD) CL	DRAWN M.Matsuo '05.08.03	DESIGNED I.Denpouya '05.08.11	CHECKED H.Umehara '05.08.11	APPROVED T.Oma '05.08.11	RELEASED
DRAWING NO. EDC3-306017-04 HRS HIROSE ELECTRIC CO., LTD	PART NO. DF11Z-*DP-2V(27)	CODE NO. CL543	2		