

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

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-30°C TO +85°C (NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO +60°C
	VOLTAGE	250 V	APPLICABLE CONTACT	
	CURRENT	2 A	APPLICABLE CONNECTOR	
			APPLICABLE CABLE	

### SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
------	-------------	--------------	----	----

<b>CONSTRUCTION</b>				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○	○
MARKING	CONFIRMED VISUALLY.		○	○

<b>ELECTRICAL CHARACTERISTICS</b>				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	80 mΩ MAX. (NOTE 2)	○	—
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX. mA (DC OR 1000 Hz).	mΩ MAX.	—	—
INSULATION RESISTANCE	V DC	MΩ MIN.	—	—
VOLTAGE PROOF	V AC FOR 1 min	NO FLASHOVER OR BREAKDOWN.	—	—

<b>MECHANICAL CHARACTERISTICS</b>				
CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.	INSERTION FORCE EXTRACTION FORCE	N MAX. N MIN.	— —
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE EXTRACTION FORCE	N MAX. N MIN.	— —
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS	① CONTACT RESISTANCE: 80 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		○ —
VIBRATION	FREQUENCY 10 TO 55 Hz. TOTAL AMPLITUDE 1.5 mm. — m/s <sup>2</sup> AT ≥ 1 FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 10 mΩ. ② CONTACT RESISTANCE: 80 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		○ —
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 10 mΩ. ② CONTACT RESISTANCE: 80 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		○ —

<b>ENVIRONMENTAL CHARACTERISTICS</b>							
DAMP HEAT (STEADY STATE)	EXPOSED AT	°C.	%.	h.	① CONTACT RESISTANCE: mΩ MAX. ② INSULATION RESISTANCE: MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	—	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE	-55 → -5 → -35 → +85 → 5 → 35°C			① CONTACT RESISTANCE: 80 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, IMMERSION, DURATION.	°C FOR s.			NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	—	—
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, FOR IMMERSION DURATION.	°C s.			A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMersed.	—	—

NOTE 2. INCLUDE THE TWO CONTACTS. (INCLUDE THE CABLE AWG#28 80mm.)

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
NOTE 1 INCLUDE THE TEMPERATURE RISING BY TURNING ON ELECTRICITY. Unless otherwise specified, refer to MIL-STD-1344.	T. Miyajoshi 94.9.29	T. Miyajoshi 94.9.29	C. Hanami 94.10.3	H. Yamamoto 94.10.5	HRS 1029/02 USA

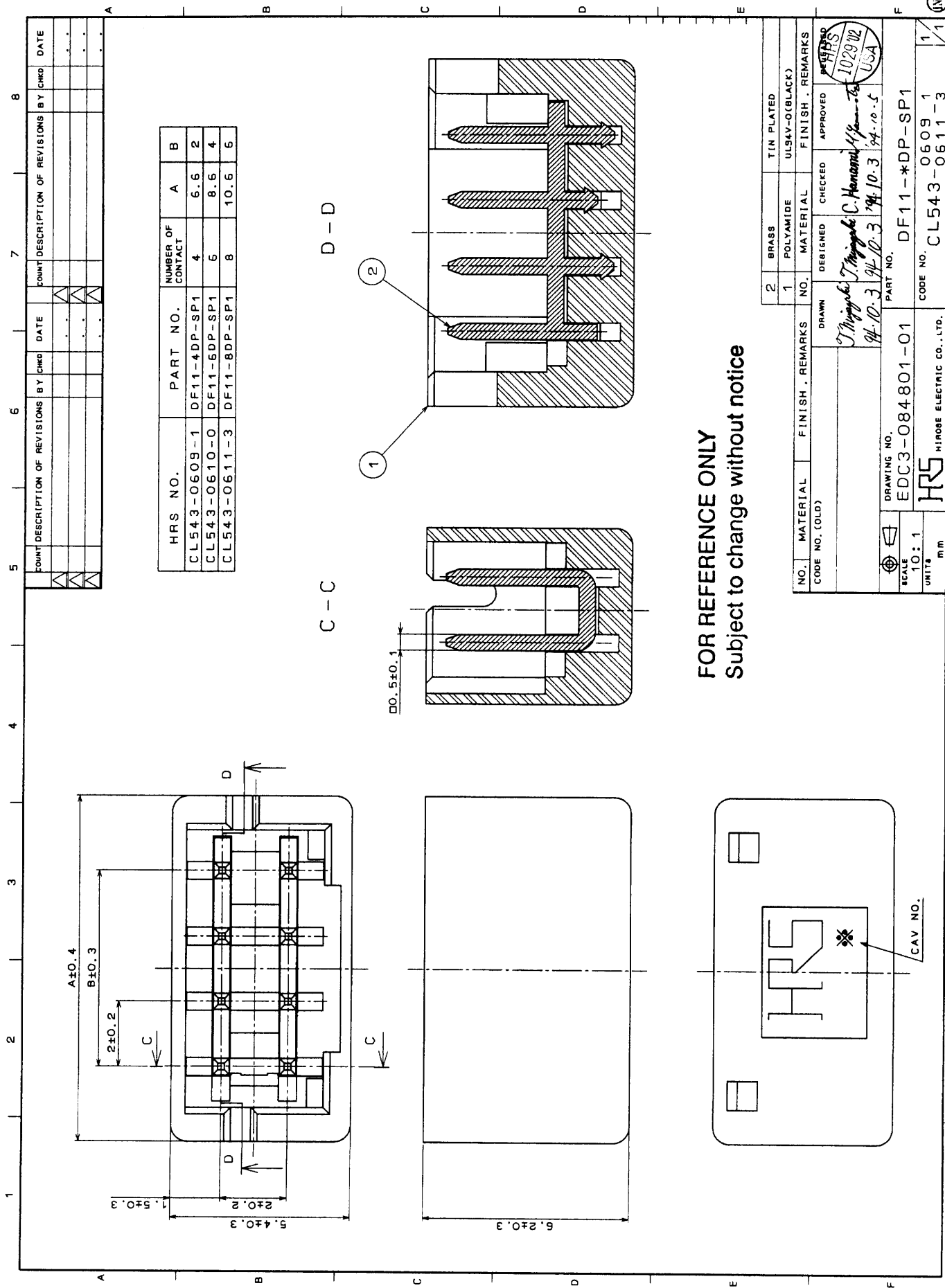
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test

HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. DF11-X:DP-SP1	
CODE NO. (OLD) CL	DRAWING NO. ELC4-084801-01	CODE NO. CL543-0609-1	1/1	INC	

FORM No. 231-1

FOR REFERENCE ONLY  
Subject to change without notice

TO



HRS NO.	PART NO.	NUMBER OF CONTACT	A	B
CL543-0609-1	DF11-4DP-SP1	4	6.6	2
CL543-0610-0	DF11-6DP-SP1	6	8.6	4
CL543-0611-3	DF11-8DP-SP1	8	10.6	6

**FOR REFERENCE ONLY**  
 Subject to change without notice

NO.	MATERIAL	FINISH . REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	TIN PLATED
2	BRASS						
1	POLYAMIDE						ULSKY-(BLACK)

NO.	MATERIAL	FINISH . REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	FINISH . REMARKS
			<i>J. Higuchi</i>	<i>C. Hironaka</i>	<i>K. Yamamoto</i>		
			94.10.3	94.10.3	94.10.5		

DRAWING NO. EDC3-084801-01	PART NO. DF11-*DP-SP1
SCALE 10:1	CODE NO. CL543-0611-3
UNITS mm	FORM NO. 229

TO					
----	--	--	--	--	--