

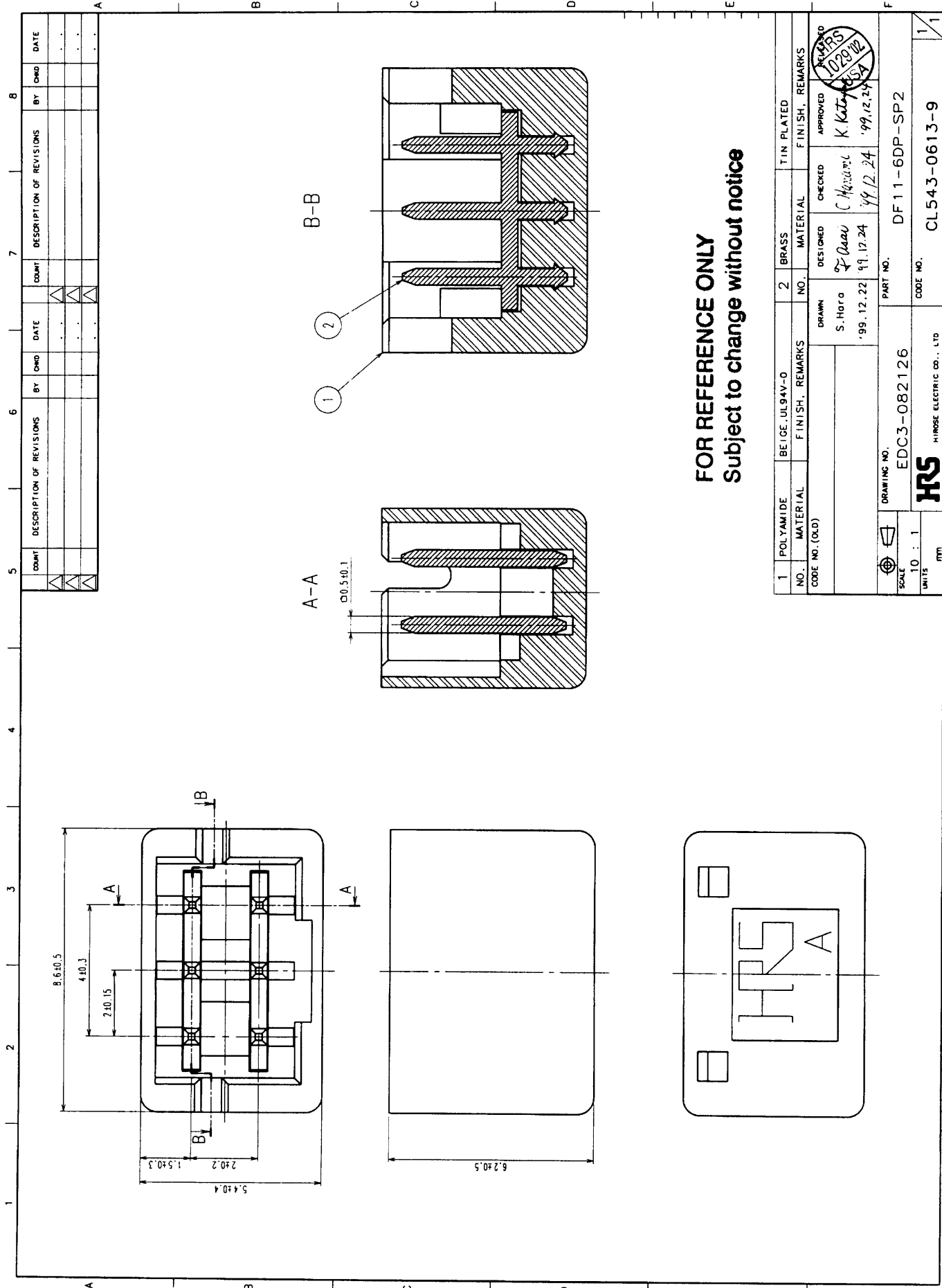
FOR REFERENCE ONLY
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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO 85 °C(NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO 60 °C
	VOLTAGE	250 V AC	APPLICABLE CONTACT	
	CURRENT	2 A	APPLICABLE CONNECTOR	
			APPLICABLE CABLE	

SPECIFICATIONS						
ITEM	TEST METHOD	REQUIREMENTS	QT	AT		
CONSTRUCTION						
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×		
MARKING	CONFIRMED VISUALLY.		×	×		
ELECTRIC CHARACTERISTICS						
CONTACT RESISTANCE	100mA (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	500 V DC.	1000 MΩ MIN.	×	—		
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASH OVER OR BREAKDOWN.	×	—		
MECHANICAL CHARACTERISTICS						
CONTACT INSERTION AND EXTRACTION FORCES	— BY STEEL GAUGE.	INSERTION FORCE — N MAX. EXTRACTION FORCE — N MIN.	—	—		
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE — N MAX. EXTRACTION FORCE — 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, SINGLE AMPLITUDE 0.75 mm, — m/s ² AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: — mΩ MAX.	×	—		
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.	③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—		
ENVIRONMENTAL CHARACTERISTICS						
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 →5 TO 35→85 →5 TO 35 °C TIME 30→10 TO 15→30 →10 TO 15 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 80 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—		
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.	① CONTACT RESISTANCE: 80 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—		
CORROSION SALT MIST	EXPOSED IN — % SALT WATER SPRAY FOR — h.	① CONTACT RESISTANCE: — mΩ MAX. ② NO HAEAVY CORROSION.	—	—		
HYDROGEN SULPHIDE	EXPOSED IN — PPM FOR — h. (TEST STANDARD: JEIDA-38)	① CONTACT RESISTANCE: — mΩ MAX. ② NO HAEAVY CORROSION.	—	—		
SULPHUR DIOXIDE	EXPOSED IN — PPM FOR — h. (TEST STANDARD: JEIDA-39)	① CONTACT RESISTANCE: — mΩ MAX. ② NO HAEAVY CORROSION.	—	—		
SOLDERING HEAT	SOLDER TEMPERATURE, — °C FOR IMMERSION,DURATION, — S	NO DEFORMATION ON CASE OR EXCESSIVE LOOSENESS OF THE TERMINALS	—	—		
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, — °C FOR IMMERSION DURATION, — S.	SOLDER SHALL COVER MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	—	—		
REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT 2: INCLUDE TWO CONTACTS (INCLUDE THE CABLE FOR MEASUREMENT : AWG28,80mm)		DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
		S. Hara	F. Asai	C. Hanami	K. Katayama	
Unless otherwise specified, refer to MIL-STD-1344.		'99.12.24	'99.12.24	'99.12.24	'99.12.24	
Note QT: Qualification Test AT: Assurance Test X: Applicable Test						
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. DF11-6DP-SP2		
CODE NO.(OLD) CL		DRAWING NO. ELC4-082126		PEART NO. CL543-0613-9		1/1



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1		POLYAMIDE		BEIGE, UL94V-0		2		BRASS		TIN PLATED	
NO.		MATERIAL		FINISH, REMARKS		NO.		MATERIAL		FINISH, REMARKS	
CODE NO. (OLD)						DRAWN		DESIGNED		CHECKED	
						S. Hara		C. Hara		K. Kato	
						'99.12.22		'99.12.24		'99.12.24	
DRAWING NO.		EDC3-082126		PART NO.		DF11-6DP-SP2		CODE NO.		CL543-0613-9	
SCALE		10 : 1		UNITS		mm		HRS		HIROSE ELECTRIC CO., LTD.	
TO											

