



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

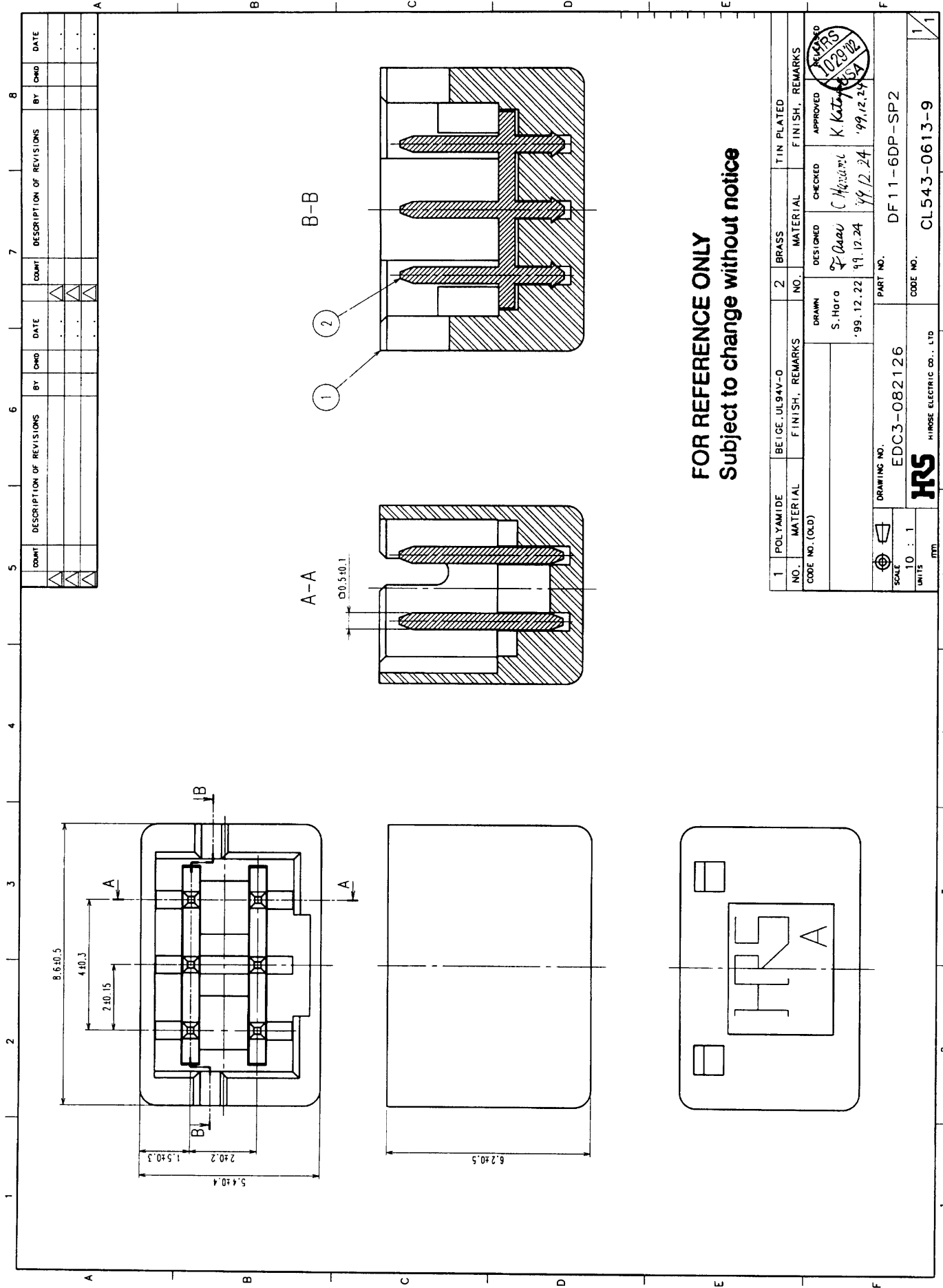


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TO

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 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.			X	X
MARKING		CONFIRMED VISUALLY.						X	X
ELECTRIC CHARACTERISTICS									
CONTACT RESISTANCE		100mA (DC OR 1000 Hz).			80 mΩ MAX. (NOTE 2)			X	-
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.		20 mV MAX. mA(DC OR 1000 Hz).			mΩ MAX.			-	-
INSULATION RESISTANCE		500 V DC.			1000 MΩ MIN.			X	-
VOLTAGE PROOF		650 V AC FOR 1 min.			NO FLASH OVER OR BREAKDOWN.			X	-
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.			X	-
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.			③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			X	-
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.			X	-
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.			X	-
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					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT 2: INCLUDE TWO CONTACTS (INCLUDE THE CABLE FOR MEASUREMENT : AWG28,80mm)					S. Hara	F. Asai	C. Yamami	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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POLYAMIDE		BRASS		TIN PLATED		FINISH, REMARKS		FINISH, REMARKS		FINISH, REMARKS		FINISH, REMARKS		FINISH, REMARKS	
NO.	MATERIAL	NO.	MATERIAL	NO.	MATERIAL	DESIGNED	CHECKED	APPROVED	DESIGNED	CHECKED	APPROVED	DESIGNED	CHECKED	APPROVED	DESIGNED
1	POLYAMIDE	2	BRASS			S. Hara	C. Harada	K. Katayama							
CODE NO. (OLD)		CODE NO. (NEW)		PART NO.		DATE		DATE		DATE		DATE		DATE	
				DF11-6DP-SP2		'99.12.22		'99.12.24		'99.12.24		'99.12.24		'99.12.24	
DRAWING NO.		DRAWING NO.		DRAWING NO.		DRAWING NO.		DRAWING NO.		DRAWING NO.		DRAWING NO.		DRAWING NO.	
EDC3-082126		EDC3-082126		EDC3-082126		EDC3-082126		EDC3-082126		EDC3-082126		EDC3-082126		EDC3-082126	
SCALE		SCALE		SCALE		SCALE		SCALE		SCALE		SCALE		SCALE	
10 : 1		10 : 1		10 : 1		10 : 1		10 : 1		10 : 1		10 : 1		10 : 1	
UNITS		UNITS		UNITS		UNITS		UNITS		UNITS		UNITS		UNITS	
mm		mm		mm		mm		mm		mm		mm		mm	
HRS		HRS		HRS		HRS		HRS		HRS		HRS		HRS	
HIROSE ELECTRIC CO., LTD.		HIROSE ELECTRIC CO., LTD.		HIROSE ELECTRIC CO., LTD.		HIROSE ELECTRIC CO., LTD.		HIROSE ELECTRIC CO., LTD.		HIROSE ELECTRIC CO., LTD.		HIROSE ELECTRIC CO., LTD.		HIROSE ELECTRIC CO., LTD.	
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