



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

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APPLICABLE STANDARD		STORAGE TEMPERATURE RANGE		-10 °C TO 60 °C ⁽²⁾		
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C ⁽¹⁾		OPERATING HUMIDITY RANGE		
	VOLTAGE	100 V AC		40 % TO 80 %		
	CURRENT	0.4 A		STORAGE HUMIDITY RANGE		
40 % TO 70 % ⁽²⁾						
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	100 mA (DC OR 1000 Hz).	45 mΩ MAX.		x		
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD	20 mV MAX, 1 mA(DC OR 1000Hz)	55 mΩ MAX.		x		
INSULATION RESISTANCE	250 V DC	100 MΩ MIN.		x		
VOLTAGE PROOF	300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.		x		
MECHANICAL CHARACTERISTICS						
MECHANICAL OPERATION	50 TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 55 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		x	
VIBRATION	FREQUENCY 10 TO 55 Hz, AMPLITUDE : 1.5 mm, 2 hrs IN 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: 55 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		x	
SHOCK	490 ms ² , DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS.				x	
ENVIRONMENTAL CHARACTERISTICS						
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 hrs.	① CONTACT RESISTANCE: 55 mΩ MAX. ② INSULATION RESISTANCE: 100 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		x		
RAPID CHANGE OF TEMPERATURE	TEMPERATURE: 55→+15~+35→+85→+15~+35°C TIME 30 → 2~3 → 30 → 2~3 min 5 CYCLES.			x		
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 hrs.	① CONTACT RESISTANCE: 55 mΩ MAX. ② NO HEAVY CORROSION.		x		
HYDROGEN SULPHIDE	EXPOSED IN 3 PPM FOR 96 hrs. (TEST STANDARD: JEIDA 38)			x		
RESISTANCE TO SOLDERING HEAT	1) REFLOW SOLDERING : 250 °C MAX, : 220 °C MIN, FOR 60 s 2) SOLDERING IRONS : 360 °C, FOR 5 s	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.		x		
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 240 ± 3 °C, FOR IMMERSION DURATION, 3 sec.	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSSED.		x		
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE		
③ 1	DLS-F-005251	AH. EDASHIGE	HT. YAMAGUCHI	11.01.17		
REMARK ⁽¹⁾ TEMPERATURE RISE INCLUDED WHEN ENERGIZED. ⁽²⁾ THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED.						
APPROVED		KJ. KATAYOSE		05.01.05		
CHECKED		HS. OKAWA		05.01.05		
DESIGNED		KT. D01		05.01.05		
DRAWN		KT. D01		05.01.05		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-150727-22		
SPECIFICATION SHEET		PART NO.	FX8-*P-SV1 (92) ③			
HIROSE ELECTRIC CO., LTD.		CODE NO.	CL578 ③ 1/1			