



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		150V AC		CURRENT		1A	
RATING	VOLTAGE	150V AC		CURRENT	1A		
	OPERATING TEMPERATURE RANGE	-35°C T0 + 85°C (NOTE 1)		STORAGE TEMPERATURE RANGE	-10°C T0 + 60°C (NOTE 3)		
	OPERATING HUMIDITY RANGE	20% TO 80% (NOTE 2)		STORAGE HUMIDITY RANGE	20% TO 70% (NOTE 3)		
APPLICABLE CONNECTOR	DF13- * S-1. 25G		APPLICABLE CRIMP CONTACT	DF13-2630SCF, DF13-3032SCF			
SPECIFICATIONS							
ITEM	TEST METHOD			REQUIREMENTS			
CONSTRUCTION				GENERAL EXAMINATION			
VISUALLY AND BY MEASURING INSTRUMENT.		CONFIRMED VISUALLY.		ACCORDING TO DRAWING.			
ELECTRIC CHARACTERISTICS							
CONTACT RESISTANCE	100m A (DC OR 1000 HZ).	30mΩ MAX.		X			
INSULATION RESISTANCE	100V DC.	500MΩ MIN.		X			
VOLTAGE PROOF	500V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.		X			
MECHANICAL CHARACTERISTICS							
MECHANICAL OPERATION				30TIMES INSERTIONS AND EXTRactions.			
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2h, FOR 3 DIRECTIONS.		① CONTACT RESISTANCE: 30mΩ MAX. OF PARTS.		② NO DAMAGE, CRACK OR LOOSENESS	
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1μs OF PARTS.		② NO DAMAGE, CRACK OR LOOSENESS	
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: 500MΩ MIN.	
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2°C, 90 TO 95 %, 96 h.		③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		① CONTACT RESISTANCE: 30mΩ MAX.	
RESISTANCE TO SOLDERING HEAT		1) FLOW SOLDERING 250 ± 5°C MAX. FOR 3 SECONDS.		② INSULATION RESISTANCE: 500MΩ MIN.		③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
SOLDERABILITY		2) SOLDERING IRONS: :290 ± 10°C, FOR 3 SECONDS		NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.		SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMersed.	
REMARKS		NOTE 1: INCLUDING THE TEMPERATURE RISE BY CURRENT.					
		NOTE 2: NO CONDENSING.					
		NOTE 3: APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD AFTER PCBBOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERM STORAGE DURING TRANSPORTATION.					
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE			
△					APPROVED	TY. OMA	06.09.25
					CHECKED	HK. UMEHARA	06.09.25
					DESIGNED	TS. KUMAZAWA	06.09.25
					DRAWN	AK. MUIRA	06.09.21
Unless otherwise specified, refer to JIS C 5402.							
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-162420-03			
HRS		SPECIFICATION SHEET		PART NO.		DF13- *P-1. 25DS (20)	
		HIROSE ELECTRIC CO., LTD.		CODE NO.		CL536	
						△ 1/1	