



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



REV. COUNT	REVISIONS	BY	CHKD	DATE	REV. COUNT	REVISIONS	BY	CHKD	DATE
Δ					Δ				
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RATING	APPLICABLE STANDARD		APPLICABLE CABLES	
	VOLTAGE	CURRENT	IMPEDANCE FREQUENCY OPERATING TEMPERATURE RANGE	H Z
	CONTRACT No. / AC 250 V	CONTRACT No. / DC 3 A		0 (0 ~
				35 C ~ +85C (Notes:1)

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT.	AT
1	DESIGN-MATERIAL-FINISH	Applicable std. and dc-3-160092-02						
2	MARKING							
3	INSULATION RESISTANCE	Must be over standard value at DC 500V. The voltage drop must be under the std. value at DC 0.1 A.	MIL-STD-1344	1000		mΩ	30	○
4	UNIT RESISTANCE	The voltage drop must be under the std. value at DC A.	MIL-STD-1344			mΩ		○
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand AC 650V for one minute. The Contact Resistance must be under the std. value at DC20mV less and mA.	MIL-STD-1344			mΩ		○
6	LOW LEVEL CIRCUIT					mΩ		○
7	DRY CIRCUIT	Must have conductivity in alternate current at DC AV.						○
8	CONTACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the std. value at applicable gauge.						○
9	HUMIDITY	Must be suitable for the std. value. Insulation resistance must be over the std. value at 40±2°C 90~95% RH for 96 hours.	MIL-STD-1344	1000		MΩ		○
10	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10-55 Hz, amplitude 0.75mm. G at 2 hours for 3 directions.	MIL-STD-1344					○
11	SHOCK	Must have no damage, crack and looseness of parts after 3 cycles at 490m/s in 3 directions.	MIL-STD-1344					○
12	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55~+85°C 5 cycles.	MIL-STD-1344					○
13	DURABILITY UNIT CONTRACT	Must be less than the std. value after 30 insertion and extraction cycles at the condition described in above item No.4.	MIL-STD-1344			mΩ	30	○
14	SALT SPRAY (CORROSION).	Must not have heavy corrosion after 80 hours. Salt water spray for 80 hours.						○
15	H2S-EXPOSURE	Must not have heavy corrosion after 80 hours.						○
16	SO2-EXPOSURE	Must not have heavy corrosion after 80 hours.						○

Notes:1
This temperature includes a rise by heat's generation of connector when electricity passes.

REMARKS

APPROVED	<i>H. Saito</i>	194.3.25	ISSUED BY
REVIEWED			
CHECKED	J. Oma	194.3.25	
DESIGNED	M. Saito	194.3.24	
DRAWN	M. Saito	194.3.24	

HRS
HIROSE ELECTRIC CO., LTD.

PART No.
DFIB-XDS-2.5RC

DRAWING NO. SLC4-160092-02 SPECIFICATION SHEET

CODE No. 0600 4
CL541-0650 -2-

NOTE OT:Qualification Test AT:Assurance Test O:Applicable Item FORM No.

IMP

TO