



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



Oct.1.2018 Copyright 2018 HIROSE ELECTRIC CO., LTD. All Rights Reserved.  
 In case that the application demands a high level of reliability, such as automotive,  
 please contact a company representative for further information.

Applicable standard					
Rating	Operating temperature range	-25 °C to 70 °C	Storage temperature range	-25 °C to 70 °C (At packing)	
<b>Specifications</b>					
Item	Test method	Requirements	QT	AT	
<b>Construction</b>					
General examination	Visually and measuring instrument.	According to drawing.	×	×	
Marking	Confirmed visually.				
<b>Mechanical characteristics</b>					
Shock	Acceleration of 981m/s <sup>2</sup> , 6 ms duration , half sine shock pulse , 10 cycle in each of the 3 axis.	No breakage,crack or looseness on components	×	-	
Vibration	Frequency : 10 to 55Hz , single amplitude of 0.75 mm , 2 hours in each of the 3 axis.				
<b>Environmental characteristics</b>					
Humidity	Humidity:90 to 96% Temperature:-10 to 65 °C Time:480 hours (20 cycles)	No breakage,crack or looseness on components	×	-	
Change of temperature	Temperature:-40 to 75 °C Time:336 hours (42 cycles)				
Dry heat	Temperature:85 °C ,Time:960 hours				
Cold	Temperature:-25 °C ,Time:960 hours				
Salt mist	Salt mist:5% ,Time:48 hours	No heavy corrosion ruin the function.	×	-	
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
0					
REMARK		APPROVED	MT. SHIBUTANI	17. 03. 15	
A product corresponding to RoHS.		CHECKED	YY. HIYAMA	17. 03. 15	
		DESIGNED	FS. YOSHIDA	17. 03. 14	
		DRAWN	FS. YOSHIDA	17. 03. 14	
Note	QT:Qualification Test AT:Assurance Test ×:Applicable Test	DRAWING NO.	ELC-009564-41-00		
	SPECIFICATION SHEET	PART NO.	HRFC-R1 (41)		
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL701-0016-4-41		1/1