



Applicable standard					
Rating	Operating temperature range	-25 °C to 70 °C	Storage temperature range	-25 °C to 70 °C (At packing)	
Specifications					
Item	Test method	Requirements	QT	AT	
Construction					
General examination	Visually and measuring instrument.	According to drawing.	×	×	
Marking	Confirmed visually.				
Mechanical characteristics					
Shock	Acceleration of 981m/s ² , 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.				
Environmental characteristics					
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