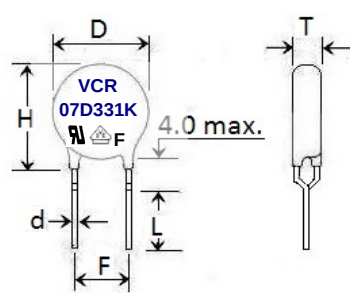


SPECIFICATION FOR APPROVAL

METAL OXIDE VARISTORS					
Customer:					
 No. E341564		Part No. VCR07D331KCB		Issue No.	
 No. 40051117		Q'ty of Sample: pcs		Issue Day. 29/03/2023	
Diagram of Dimensions : (Unit : mm)					
			D : <u>9.0 max.</u> H : <u>12.0 max.</u> T : <u>4.5 max.</u> F : <u>5.0 ± 0.8</u> L : <u>4.5 ± 0.8</u> d : <u>0.6 ± 0.1</u>		
Electrical Parameter			Mechanical		
1	Maximum Allowable Voltage : AC 210 V , DC 275 V		1	Tensile	No outstanding damage(1Kg,10seconds)
2	Varistor Voltage (V 1.0mA) : 297 V ~ 363 V		2	Bending	No outstanding damage(0.5Kg,90°,3Times)
3	Clamping Voltage (Max.) : VC 550 (V) , IP 10 (A)		3	Vibration	No outstanding damage(Frequency:10-55HZ)
4	Maximum Peak Current Time(8/20us) : 1200 A		4	Solder ability	Min 95% of the terminals shall be covered with solder uniformly (Soldering Temperature:235±5℃) (Immersed Time : 2±0.5seconds)
5	Maximum Energy : 23 Joule , Waveform(10/1000us)				
6	Rated Power : 0.25 W				
7	Typical Capacitance(Reference)at 1KHz : 150 pF		5	Resistance to Soldering Heat	Δ VcmA/VcmA ≤ ±5% (Soldering Temperature : 260±5℃) (Immersed Time : 10±1sec.)
8	Temperature Coefficient : ±0.05%/℃ Max.				
9	DC Leakage Current : ≤ 200uA(At 80% of Varistor Voltage)				
Environmental Requirements					
1.High Temperature Storage: Δ VcmA/VcmA ≤ ±5% Ambient Temperature:125±2℃, Duration:1000hours					
2.Low Temperature Storage: Δ VcmA/VcmA ≤ ±5% Ambient Temperature:-40±2℃, Duration:1000hours					
3.High Humidity Storage / Damp Heat: Δ VcmA/VcmA ≤ ±5% Ambient Temperature:40±2℃, 90-95%R.H. Duration:1000hours					
4.Temperature Cycle: Δ VcmA/VcmA ≤ ±5%					
5.High Temperature Load: Δ VcmA/VcmA ≤ ±10% Ambient Temperature:85±2℃, Duration:1000hours					
6.High Humidity Load: Δ VcmA/VcmA ≤ ±10% Ambient Temperature:125±2℃, Duration:1000hours					
7.Operating Temperature Range : -40℃ to +85℃					
8.Storage Temperature Range : -40℃ to +125℃					
APPROVED BY CUSTOMER			REMARK :		
Your Confirmation ☐ Approval ☐ Conditional Approval ☐ Rejection (Please send a copy for our ref.)			For further details please visit the following link of our website: 07D_20221213.pdf		
Inspected by		Checked by	吳美華	Approved by	蘇彥華