

硫化氢气体腐蚀测试报告

Hydrogen Sulphide Test Report

1、样品信息/Sample

物料编号 Part Number	样品数量 Sampling Size	样品编号 Sample Code
PTFR0402D2K20N9	10	A1~A10
PTFR0603D31K6P9	10	B1~B10
PTFR0805D1M00P9	10	C1~C10

2、样品参数/Sample Parameters

物料编号 Part Number	额定功率 Rated Power	标称阻值 Resistance
PTFR0402D2K20N9	P=0.06W	R=2.2kΩ
PTFR0603D31K6P9	P=0.1W	R=31.6kΩ
PTFR0805D1M00P9	P=0.13W	R=1MΩ

3、试验要求/Test Requirements

H₂S 3ppm、40℃、80%RH 96hours

4、测试合格标准/Test Qualified Standards

$\Delta R/R \leq \pm 0.1\%$

6、测试数据及结果/Test Data & Results

PTFR0402D2K20N9

编号/Code	初始值 Initial Value	测试后 Value After Test	$\Delta R/R$ (%)	测试结果 Test Result
	R_0 (Ω)	R_t (Ω)		
A1	2200.002	2200.005	0.000%	Pass
A2	2199.828	2199.837	0.000%	Pass
A3	2199.719	2199.731	0.001%	Pass
A4	2199.621	2199.628	0.000%	Pass
A5	2199.804	2199.812	0.000%	Pass
A6	2199.792	2199.800	0.000%	Pass
A7	2199.698	2199.708	0.000%	Pass
A8	2199.902	2199.915	0.001%	Pass
A9	2200.391	2200.395	0.000%	Pass
A10	2200.145	2200.158	0.001%	Pass

试验前后外观无明显变化, 符合要求

No obvious change in appearance before and after the test. Qualified

PTFR0603D31K6P9

编号/Code	初始值 Initial Value	测试后 Value After Test	$\Delta R/R$ (%)	测试结果 Test Result
	R_0 (Ω)	R_t (Ω)		
B1	31600.685	31600.410	-0.001%	Pass
B2	31599.244	31598.819	-0.001%	Pass
B3	31599.624	31600.570	0.003%	Pass
B4	31602.905	31602.763	0.000%	Pass
B5	31598.782	31598.396	-0.001%	Pass
B6	31600.467	31600.254	-0.001%	Pass
B7	31601.093	31600.823	-0.001%	Pass
B8	31603.207	31603.101	0.000%	Pass
B9	31600.486	31600.207	-0.001%	Pass
B10	31603.167	31603.041	0.000%	Pass

试验前后外观无明显变化, 符合要求

No obvious change in appearance before and after the test. Qualified

硫化氢气体腐蚀试验

Hydrogen Sulphide Test

PTFR0805D1M00P9

编号/Code	初始值 Initial Value	测试后 Value After Test	$\Delta R/R$ (%)	测试结果 Test Result
	R_0 (Ω)	R_t (Ω)		
C1	999920.77	999935.02	0.001%	Pass
C2	999802.65	999823.03	0.002%	Pass
C3	1000043.67	1000073.60	0.003%	Pass
C4	999949.60	999971.21	0.002%	Pass
C5	999892.13	999926.70	0.003%	Pass
C6	1000016.99	1000036.09	0.002%	Pass
C7	999637.42	999669.52	0.003%	Pass
C8	999959.46	999978.57	0.002%	Pass
C9	999691.45	999721.68	0.003%	Pass
C10	999977.53	999999.41	0.002%	Pass

试验前后外观无明显变化, 符合要求

No obvious change in appearance before and after the test. Qualified