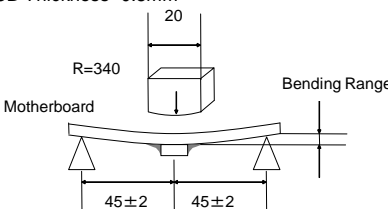


Performance and Test Methods

■ Performance and Test Methods

Item	Performance		Test Conditions														
	Characteristic Value	Appearance															
Electrode Bending Strength	Z : Changing ratio within ±25% before / after the tests. Rdc : Value within the product requirement.	No remarkable damages.	PCB Bending range=2.0mm PCB Thickness=0.8mm 														
Vibration Proof			Total Amplitude: 1.5mm 1 Cycle: 10 - 55 -10Hz/minute. To be measured after applying in each direction of x ,y and z for 2 hours under the above conditions.														
Resistance to Soldering Heat			Preheating Temperature: 100 to150°C Preheating Duration: 1 min. Solder Temperature: 260±10°C Dipping Duration: 10±0.5 sec.														
Solderability	90% or more of electrode surface wetted by new solder		Preheating Temperature: 100 to150°C Preheating Duration: 1 min. Solder Temperature: 230±5°C Dipping Duration: 3±1 sec.														
Temperature Cycle	Changing ratio within ±30% Rdc : Value within the product requirement		1 cycle means the repeating tests of 1 through 4 stages as shown in the table below. N = 125 cycle, No-load To be measured after being left at normal temperature and humidity for 2 to24 hours.														
Humidity Resistance			<table border="1"><thead><tr><th>Stage</th><th>1</th><th>2</th><th>3</th><th>4</th></tr></thead><tbody><tr><td>Temp. (°C)</td><td>-55±3</td><td>+20±15</td><td>+125±3</td><td>+20±15</td></tr><tr><td>Duration (min.)</td><td>30±3</td><td>15±5</td><td>30±3</td><td>15±5</td></tr></tbody></table>	Stage	1	2	3	4	Temp. (°C)	-55±3	+20±15	+125±3	+20±15	Duration (min.)	30±3	15±5	30±3
Stage		1	2	3	4												
Temp. (°C)	-55±3	+20±15	+125±3	+20±15													
Duration (min.)	30±3	15±5	30±3	15±5													
Solvent Resistance	Temperature : +40°C±2°C, Relative Humidity : 90 to 95%RH Duration(hours) 500hrs±24hrs No-load To be measured after being left at normal temperature and humidity for 2 to24 hours.																
			Reagent: Isopropyl alcohol (JIS K 8839) Temperature: 20°C~25°C Dipping Duration: 30 sec.±5 sec.(without stirring) To be measured after being left at normal temperature and humidity for 2 to 24 hours.														