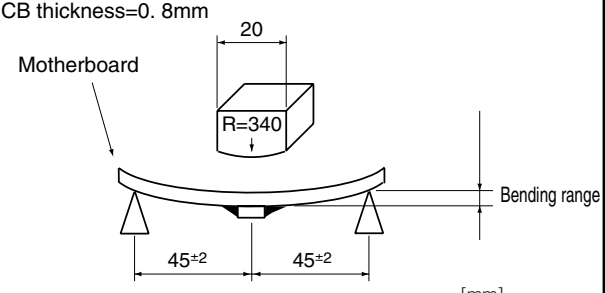


PERFORMANCE AND TEST METHOD

Item		Performance	Test conditions															
Electrode bending strength	Appearance	No mechanical damage	PCB Bending range=2mm PCB thickness=0.8mm 															
	Characteristic value	Z : changing ratio within ±25% Rdc : Value within the product requirement																
Vibration proof	Appearance	No mechanical damage	Total amplitude: 1.5mm 1 cycle: 10 55 10Hz/minute. To be measured after applying in each direction of x ,y and z for two hours under the above conditions.															
	Characteristic value	Z : changing ratio within ±25% Rdc : Value within the product requirement																
Solderability	Solderability	90% or more of electrode surface wetted by new solder	Preheating temperature: 150°C Preheating duration: 1 min. Solder temperature: 230±5°C Dipping duration: 3±1 sec.															
Resistance to soldering heat	Appearance	No mechanical damage	Preheating temperature: 100to150°C Preheating duration: 1 min. Solder temperature: 260±10°C Dipping duration: 10±0.5 sec.															
	Characteristic value	Z : changing ratio within ±30% Rdc : Value within the product requirement																
Temperature cycle	Appearance	No remarkable damage	1 cycle means the repeating tests of 1 through 4 stages as shown in the Table hereunder N = 125 cycle No-load To be measured after being left at normal temperature and humidity for 2 to24 hours. <table border="1" data-bbox="877 1366 1436 1478"> <thead> <tr> <th>Stage</th> <th>①</th> <th>②</th> <th>③</th> <th>④</th> </tr> </thead> <tbody> <tr> <td>Temperature(°C)</td> <td>-55 ± 3</td> <td>+20 ± 15</td> <td>+125 ± 3</td> <td>+20 ± 15</td> </tr> <tr> <td>Duration (minutes)</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	Temperature(°C)	-55 ± 3	+20 ± 15	+125 ± 3	+20 ± 15	Duration (minutes)	30 ± 3	15 ± 5	30 ± 3	15 ± 5
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Humidity resistance	Appearance	No remarkable damage	Conditions: Temperature +40°C±2°C, relative humidity 90to95%RH Duration(hours) 500hrs±24hrs No-load To be measured after being left at normal temperature and humidity for 2 to24 hours.															
	Characteristic value	Z : changing ratio within ±30% Rdc : Value within the product requirement																
Solvent resistance	Appearance	No remarkable damage	Reagent: Isopropyl alcohol(JIS K 8839) Temperature: 20°C to25°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.															
	Characteristic value	Z : changing ratio within ±30% Rdc : Value within the product requirement																

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