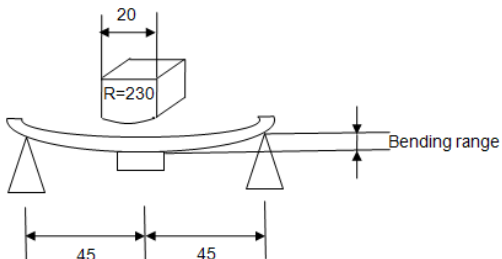


4-Array Type of Surge Protector (Size : 2.5 x 1.0 mm)

ITEM	SPECIFICATION	CONDITION & REQUIREMENT															
Rapid change of temperature	Leakage current: 10uA max.	<p>1Cycle= 1 through 4 steps as shown in the table N= 100 cycle</p> <table border="1"> <thead> <tr> <th>Step</th><th>Temperature</th><th>Time</th></tr> </thead> <tbody> <tr> <td>1</td><td>-55±2 degC</td><td>30min±5 min.</td></tr> <tr> <td>2</td><td>+25±2 degC</td><td>3min max.</td></tr> <tr> <td>3</td><td>+125±2 degC</td><td>30min±5 min.</td></tr> <tr> <td>4</td><td>+25±2 degC</td><td>3min max.</td></tr> </tbody> </table> <p>To be Measured after being left at standard condition for 48hours.</p>	Step	Temperature	Time	1	-55±2 degC	30min±5 min.	2	+25±2 degC	3min max.	3	+125±2 degC	30min±5 min.	4	+25±2 degC	3min max.
Step	Temperature	Time															
1	-55±2 degC	30min±5 min.															
2	+25±2 degC	3min max.															
3	+125±2 degC	30min±5 min.															
4	+25±2 degC	3min max.															
Humidity	Leakage current: 10uA max.	<p>Relative humidity: 90 to 95% Test temperature: 40 ± 2°C Duration of test: 1000 + 48, -0hr To be Measured after being left at standard condition for 48hours.</p>															
Endurance	Leakage current: 10uA max.	<p>Test Temperature: 85 ± 2°C Duration of test: 1000 + 48, -0hr To be Measured after being left at standard condition for 48hours.</p>															
Resistance to soldering heat	Leakage current: 10uA max.	<p>Preheating Temperature: 150 ± 5°C Preheating duration: 1min Solder Temperature: 260 ± 5°C Dipping duration: 5 ± 1s To be Measured after being left at standard condition for 48hours.</p>															
Bending strength	Leakage current: 10uA max.	<p>PCB bending range: 3mm PCB thickness: 1.6mm</p> 															
Solderability	95 % coverage min.	<p>Solder bath: 235 ± 5°C Dipping duration: 2 ± 1s</p>															