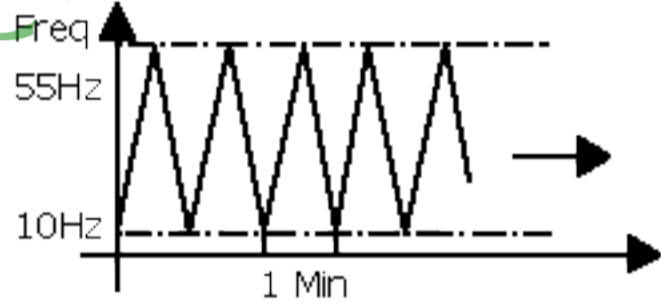
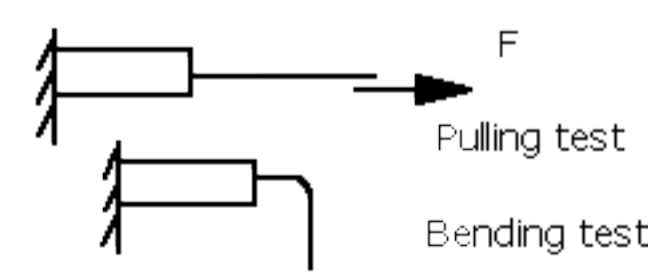


Item (项目)	Required Characteristics(要求)	Test Method / Condition(测试方法)
Solderability test Reference documents: MIL-STD-202G Method 208H IPC J-STD-002C 可焊性测试	Terminals area must have 95% min.Solder coverage 端子必须有95%以上著锡	1. Dip pads in flux then dip in solder pot at $245\pm5^{\circ}\text{C}$ for 5 seconds. 2. Solder: lead free 3. Flux: rosin flux 1. 端子侵入助焊剂然后侵入 $245\pm5^{\circ}\text{C}$ 锡炉中5秒 2. 焊料: 无铅焊料 3. 助焊剂: 松香助焊剂无铅
Heat endurance of flow soldering Reference documents: MIL-STD-202G Method 210F 波峰焊耐热试验	1. No case deformation or change in appearance. 2. $\Delta L/L \leq 10\%$ 3. $\Delta Q/Q \leq 30\%$ 4. $\Delta \text{DCR}/\text{DCR} \leq 10\%$ 1. 无明显的外观缺陷 2. 感值变化不超过10% 3. 品质因数变化不超过30% 4. 直流电阻变化不超过10%	1. Dip pads in flux then dip in solder pot at $260\pm5^{\circ}\text{C}$ for 10 seconds. 2. Solder: lead free 3. Flux: rosin flux 1. 端子侵入助焊剂然后侵入 $260\pm5^{\circ}\text{C}$ 锡炉中10秒 2. 焊料: 无铅焊料 3. 助焊剂: 松香助焊剂无铅
Vibration test Reference documents: MIL-STD-202G Method 201A 振动测试	1. No case deformation or change in appearance. 2. $\Delta L/L \leq 10\%$ 3. $\Delta Q/Q \leq 30\%$ 4. $\Delta \text{DCR}/\text{DCR} \leq 10\%$ 1. 无明显的外观缺陷 2. 感值变化不超过10% 3. 品质因数变化不超过30% 4. 直流电阻变化不超过10%	Apply frequency 10~55Hz, 1.55mm amplitude in each of perpendicular direction for 2 hours.(total 6 hours)  用10~55Hz 振动频率1.55mm振幅沿X,Y,Z方向各振动2小时.(共6小时)
Drop test Reference documents: MIL-STD-202G Method 203C 落下试验	1. No case deformation or change in appearance. 2. $\Delta L/L \leq 10\%$ 3. $\Delta Q/Q \leq 30\%$ 4. $\Delta \text{DCR}/\text{DCR} \leq 10\%$ 1. 无明显的外观缺陷 2. 感值变化不超过10% 3. 品质因数变化不超过30% 4. 直流电阻变化不超过10%	Packaged & Drop down from 1m with $981\text{m/s}^2(100\text{G})$ attitude In 1 angle 1 ridges & 2 surfaces orientations. 将产品包装后从1米高度自然落下至试验板上 1角1棱2面
Terminal strength Reference documents: IEC 68-2-21:1992 Test A & C 端子强度试验	1.Terminal should not come out 2.Meet require test condition A & C For: Wire-leaded components-Test A & C For: Others leaded components-Test A 1.端子不会松脱 2.满足要求的测试条件A & C	A.Pull Force:0.45kg;the force shall be applied gradually to The terminal and then maintained for 10 seconds. C.Wire-lead bend:0.23kg,The rate of benging shall be Approximately 3 seconds per bend in each direction.The load shall be suspended at a point within 1/4 inch from the free end of the terminal.  A拉力: 0.45公斤力, 拉力逐渐到最大值维持10秒。 C线脚弯曲: 0.23公斤力, 每个方向弯曲3次, 负载应该加在离端子末端1/4英寸处。
Resistance to solvent test Reference documents: IEC 68-2-45:1993 耐溶剂性试验	No case deformation or change in appearance,or obliteration of marking 无外观破坏及标记破坏	To dip parts into IPA solvent for $5\pm0.5\text{Min}$,then drying them at room temp for 5Min,at last ,to brushing making 10 times. 在IPA溶剂中浸泡 5 ± 0.5 分钟室温下干燥5分钟,然后擦拭10次。