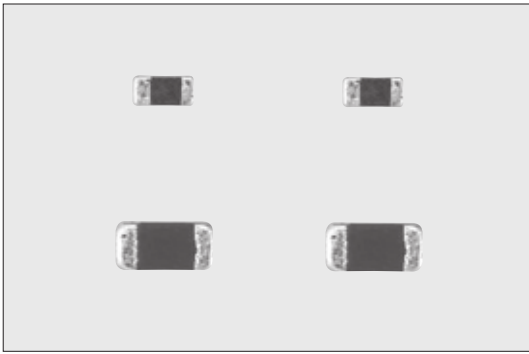
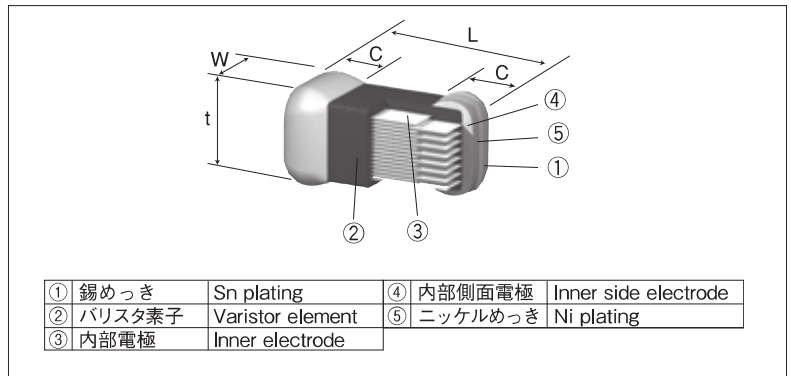


NV73 1H/1E 積層形金属酸化物バリスタ Multilayer Type Metal Oxide Varistors



外装色：黒 Body color : Black

■構造図 Construction



■特長 Features

- 面実装の0603・1005サイズ金属酸化物バリスタです。
- 優れた応答性でESD対策に好適 (IEC61000-4-2準拠)。
- 3pFも対応可能。
- 電極部は鉛フリーめっきです。
- 双方向のノイズ吸収が可能です。
- リフローはんだ付けに対応します。
- 欧州RoHS対応品です。電極、バリスタ素子、ガラスに含まれる鉛ガラスは欧州RoHSの適用除外です。
- SMD type metal oxide varistors (0201 and 0402 inch size).
- Ideal for countermeasures against ESD with excellent responsivity (Conforming to IEC61000-4-2).
- 3pF available.
- Pb-free solder on terminal section.
- Two-way noise can be absorbed.
- Suitable for reflow soldering.
- Products meet EU-RoHS requirements. EU-RoHS regulation is not intended for Pb-glass contained in electrode, varistor element and glass.

■寸法 Dimensions

| 形名 Type (Inch Size Code) | 寸法 Dimensions (mm) | | | | Weight (g) (1000pcs) |
|-----------------------------|--------------------|----------|----------|-----------|-------------------------|
| | L | W | t | c | |
| NV73A1H (0201) | 0.6±0.03 | 0.3±0.03 | 0.3±0.03 | 0.1min. | 0.299 |
| NV73A□1E (0402) | 1.0±0.1 | 0.5±0.1 | 0.6 max. | 0.25±0.15 | 1.29 |

■用途 Applications

- 携帯電話、DSC、コンピュータ、PDA、I/O、等。
- Cellular-telephones, DSCs, Computers, PDAs, I/O, etc.

■品名構成 Type Designation

例 Example

| NV73 | A | L | 1E | T | TP | 12 |
|--------------------|-------------------------|--|--------------------------------|-------------------------------------|---|-------------------------------|
| 品種 Product Code | エネルギーコード Energy Code | 静電容量タイプ Capacitance Type | サイズ Size | 端子表面材質 Terminal Surface Material | 二次加工 Taping | バリスタ電圧 Varistor Voltage |
| | | 空欄：標準品 Nil: Standard type L: 低静電容量タイプ L: Low capacitance type | 1H: 0.6×0.3mm 1E: 1.0×0.5mm | T: Sn | TBM: 2mm pitch press paper (1H) TP: 2mm pitch paper (1E) | 8: 8V 12: 12V 120: 120V |

環境負荷物質含有についてEU-RoHS以外の物質に対するご要求がある場合にはお問合せください。
テーピングの詳細については巻末のAPPENDIX Cを参照してください。

Contact us when you have control request for environmental hazardous material other than the substance specified by EU-RoHS.
For further information on taping, please refer to APPENDIX C on the back pages.

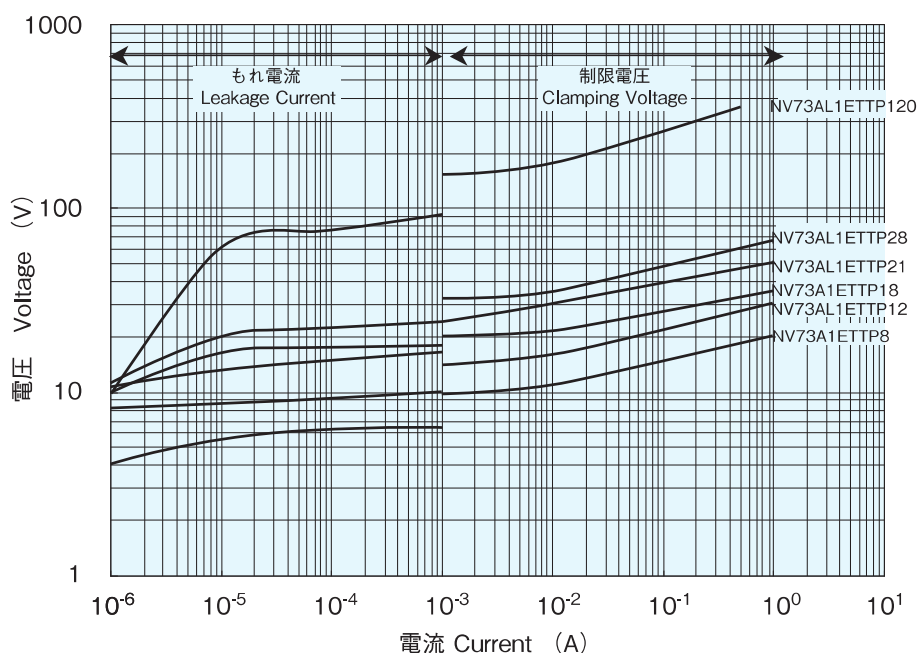
■定格 Ratings

- 動作温度範囲 Operating Temperature Range : -40°C ~ +85°C
 保存温度範囲 Storage Temperature Range : -40°C ~ +125°C
 包装数/リール Q'ty / Reel 1H : TBM (15,000pcs)、1E : TP (10,000pcs)

| 品名 Type | バリスタ電圧 Varistor Voltage V _{1mA} (V) | バリスタ電圧許容値 Varistor Voltage Tolerance (V) | 最大許容回路電圧 Max. Allowable Voltage d.c. (V) | 制限電圧 Clamping Voltage I _c =1A (V) 8/20μs | エネルギー耐量 Max. Energy (J) 10/1000μs | サージ耐量 Max. Peak Current (A) 2 times 8/20μs | 静電容量 (代表値) Capacitance (Typ) 1kHz (pF) |
|----------------|--|---|---|--|---|--|---|
| NV73A1HTTBM12 | 12 | 10~15.6 | 6.5 | 35 | 0.01 | 1 | 33 |
| NV73A1ETTP8 | 8 | 6.4~9.6 | 5.5 | 20 | 0.05 | 20 | 480 |
| NV73A1ETTP18 | 18 | 16.2~19.8 | 14 | 35 | 0.05 | 20 | 160 |
| NV73AL1ETTP12 | 12 | 10~14 | 5.5 | 30 | 0.03 | 5 | 50 |
| NV73AL1ETTP21 | 21 | 18~24 | 14 | 50 | 0.03 | 5 | 50 |
| NV73AL1ETTP28 | 28 | 24~32 | 18 | 65 | 0.005 | 2 | 15 |
| NV73AL1ETTP120 | 120 | 90~150 | 18 | 350 (I _c =0.5A) | 0.005 | 0.5 | 3 (1MHz) |

■電圧-電流曲線 (参考) Voltage-Current Curves (Reference) (Ta=25°C)

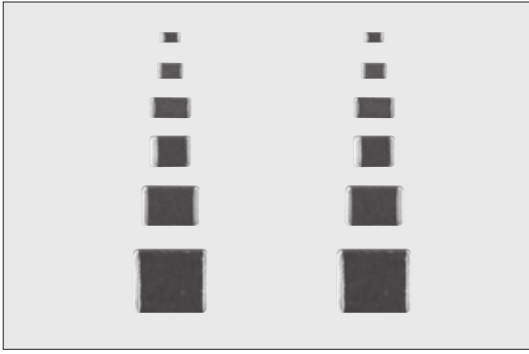
NV73A1E



■性能 Performance

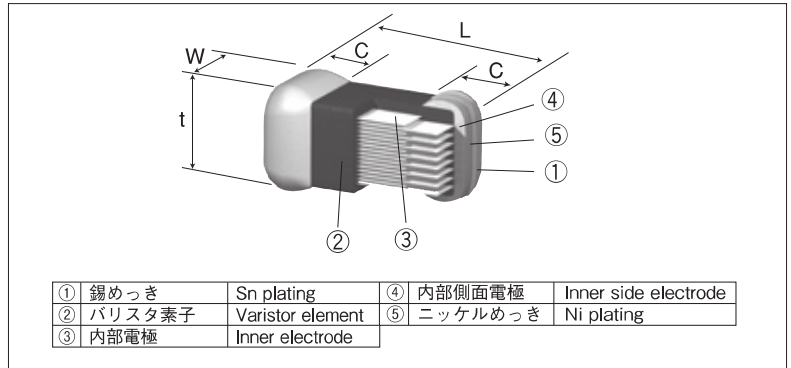
| 試験項目 Test Items | 規格値 Performance Requirements $\Delta V \pm \%$ | 試験方法 Test Methods |
|--|---|--|
| バリスタ電圧 Varistor Voltage | 規定の許容差内 Within specified tolerance | 1mAを流した時の端子間電圧 Voltage between terminals when 1mA is flowed. |
| はんだ付け性 Solderability | 端子電極が95%以上新しいはんだで覆われる事 95% coverage min. | 230°C ± 5°C, 4s ± 1s |
| はんだ耐熱性 Resistance to soldering heat | 10 | 260 ± 5°C, 10s ± 0.5s |
| 温度急変 Rapid change of temperature | 10 | -40°C (30min) / +125°C (30min) 30cycles |
| サージ耐量 Maximum peak current | 10 | 定格の衝撃波電流 (T=8/20μs) を正逆各1回印加 A single standard impulse of 8/20μs, positive/negative applied once each |
| エネルギー耐量 Maximum energy | 10 | 定格のエネルギー (T=10/1000μs) を1回印加 A single standard impulse of 10/1000μs, once |
| 高温直流電圧印加 High temperature life with d.c. bias | 10 | 85°C ± 5°C、Vc=最大許容回路電圧 (Vd.c.) 1000h Load: Maximum Allowable Voltage (d.c.) |
| 高温高湿電圧印加 High temperature & high humidity life with d.c. bias | 10 | 40°C ± 5°C、95%RH Vc=最大許容回路電圧 (Vd.c.) 500h Load: Maximum Allowable Voltage (d.c.) |
| 静電容量 Capacitance | 代表値 Typical | 1kHz : Others 1MHz : Varistor voltage 120V |
| 高温保存 High temperature storage life | 10 | 125°C ± 5°C, 1000h |
| 低温保存 Low temperature storage life | 10 | -40°C ± 5°C, 1000h |

NV73 積層形金属酸化物バリスタ Multilayer Type Metal Oxide Varistors



外装色：黒 Body color : Black

■構造図 Construction



■特長 Features

- 双方向対称性を有し、正負のサージ吸収が可能です。
- 積層構造により、小形ながら大きなサージを吸収できます。
- 小形パッケージにより、省スペース、高密度実装が可能です。
- フロー、リフローはんだ付けに対応します。
- 端子鉛フリー品は、欧州RoHS対応品です。電極、バリスタ素子、ガラスに含まれる鉛ガラスは欧州RoHSの適用除外です。
- Varistors own two-way symmetries and can absorb positive and negative surges.
- Multilayer construction allows its small size to absorb a large surge.
- Small space and high density mounting available due to the small package.
- Suitable for both flow and reflow solderings.
- Products with lead free termination meet EU-RoHS requirements. EU-RoHS regulation is not intended for Pb-glass contained in electrode, varistor element and glass.

■外形寸法 Dimensions

| 形名 Type (Inch Size Code) | 寸法 Dimensions (mm) | | | | Weight (g) (1000pcs) |
|-----------------------------|--------------------|----------|----------|---------------------------------------|-------------------------|
| | L | W | t | c | |
| NV73 1J (0603) | 1.6±0.15 | 0.8±0.15 | 0.8±0.15 | 0.4 ^{+0.15} _{-0.2} | 6.3 |
| NV73 2A (0805) | 2±0.2 | 1.25±0.2 | 1.3max. | 0.5±0.25 | 8~14 |
| NV73 2B (1206) | 3.2±0.2 | 1.6±0.2 | 1.65max. | 0.5 ^{+0.35} _{-0.25} | 16~32 |
| NV73 2E (1210) | 3.2±0.2 | 2.5±0.2 | 1.5max. | 0.5±0.2 | 33~44 |
| NV73 2J (1812) | 4.5±0.2 | 3.2±0.2 | 2.0max. | 0.5 ^{+0.3} _{-0.1} | 61~134 |
| NV73 2L (2220) | 5.7±0.2 | 5.0±0.2 | 2.5max. | 0.5 ^{+0.3} _{-0.1} | 134~205 |

■用途 Applications

- 携帯機器の入出力端子からのESD保護
- モータ、リレー等の誘導負荷から発生するサージ電圧の吸収
- 過電圧からの半導体素子の保護
- 圧電素子から発生するサージ電圧の吸収
- Protection of ESD from input and output terminals of mobile devices.
- Absorption of surge voltages occurred from inductive load of motors, relays, etc.
- Protection of semiconductor elements against over voltages.
- Absorption of surge voltages generated from piezoelectric elements.

■品名構成 Type Designation

例 Example

| | | | | | | |
|--------------------|-------------------------|--|-------------------------------------|--------------------------|----------------------------|----|
| Lead Free Type | NV73 | A | 1J | T | TE | 24 |
| 品種 Product Code | エネルギーコード Energy Code | サイズ Size | 端子表面材質 Terminal Surface Material | 二次加工 Taping | バリスタ電圧 Varistor Voltage | |
| | A B C | 1J : 1.6×0.8mm 2A : 2.0×1.2mm 2B : 3.2×1.6mm 2E : 3.2×2.5mm 2J : 4.5×3.2mm 2L : 5.7×5.0mm | T : Sn | TE : Taping BK : Bulk | | |

端子表面材質は鉛フリーめっき品が標準となります。環境負荷物質含有についてEU-RoHS以外の物質に対するご要求がある場合にはお問合せください。テーピングの詳細については巻末のAPPENDIX Cを参照してください。The terminal surface material lead free is standard. Contact us when you have control request for environmental hazardous material other than the substance specified by EU-RoHS. For further information on taping, please refer to APPENDIX C on the back pages.

■性能 Performance (1J・2A・2B)

| 試験項目 Test Items | 規格値 Performance Requirements ΔV±% | 試験方法 Test Methods |
|--|---|---|
| バリスタ電圧 Varistor Voltage | 規定の許容差内 Within specified tolerance | 1mAを流した時の端子間電圧 Voltage between terminals when 1mA is flowed. |
| はんだ耐熱性 Resistance to soldering heat | 10 | 270°C±5°C 3s±0.5s |
| はんだ付け性 Solderability | 95%以上新しいはんだで覆われていること 95% Coverage min. | 230°C±5°C 4s±1s |
| 温度急変 Rapid change of temperature | 10 | -40°C (30min) / +125°C (30min) 30cycles |
| サージ耐量 Maximum peak current | 10 | 定格の衝撃波電流 (T=8/20μs) 正逆各一回印加 A single standard impulse of 8/20μs, positive/negative applied once each |
| エネルギー耐量 Maximum energy | 10 | 定格のエネルギー (T=2ms) を一回印加 A single standard impulse of 2ms, once |
| 高温直流電圧印加 High temperature life with d.c. bias | 10 | 85°C±5°C、Vc=最大許容回路電圧 (Vd.c.) 1000h Load: Maximum Allowable Circuit Voltage (d.c.) |
| 高温交流電圧印加 High temperature life with a.c. bias | 10 | 85°C±5°C、Vc=最大許容回路電圧 (Va.c.r.m.s.) 1000h Load: Maximum Allowable Circuit Voltage (Va.c.r.m.s.) |
| 高温高湿電圧印加 High temperature & high humidity life with d.c. bias | 10 | 40°C±5°C 95%RH 最大許容回路電圧 (Vd.c.) 500h Load: Maximum Allowable Circuit Voltage (d.c.) |
| 高温保存 High temperature storage life | 10 | 125°C±5°C 1000h |
| 低温保存 Low temperature storage life | 10 | -40°C±5°C 1000h |

■性能 Performance (2E・2J・2L)

| 試験項目 Test Items | 規格値 Performance Requirements ΔV±% | 試験方法 Test Methods |
|--|---|---|
| バリスタ電圧 Varistor Voltage | 規定の許容差内 Within specified tolerance | 1mAを流した時の端子間電圧 Voltage between terminals when 1mA is flowed. |
| はんだ耐熱性 Resistance to soldering heat | 10 | 260°C±5°C 4s±1s |
| はんだ付け性 Solderability | 95%以上新しいはんだで覆われていること 95% Coverage min. | 235°C±5°C 4s±1s |
| 温度急変 Rapid change of temperature | 10 | -40°C (30min) / +125°C (30min) 5cycles |
| サージ耐量 Maximum peak current | 10 | 定格の衝撃波電流 (T=8/20μs) 100回印加、印加間隔30秒 A single standard impulse of 8/20μs, 100pulse, 30s interval |
| エネルギー耐量 Maximum energy | 10 | 定格のエネルギー (T=10/1000μs) 100回印加、印加間隔90秒 A single standard impulse of 10/1000μs, 100pulse, 90s interval |
| 高温直流電圧印加 High temperature life with d.c. bias | 10 | 125°C±5°C、Vc=最大許容回路電圧 (Vd.c.) 1000h Load: Maximum Allowable Circuit Voltage (d.c.) |
| 低温直流電圧印加 Low temperature life with d.c. bias | 10 | -50°C±5°C、Vc=最大許容回路電圧 (Vd.c.) 1000h Load: Maximum Allowable Circuit Voltage (d.c.) |
| 高温高湿電圧印加 High temperature & high humidity life with d.c. bias | 10 | 40°C±5°C 95%RH 最大許容回路電圧 (Vd.c.) 500h Load: Maximum Allowable Circuit Voltage (d.c.) |
| 高温保存 High temperature storage life | 10 | 150°C±5°C 1000h |
| 低温保存 Low temperature storage life | 10 | -50°C±5°C 1000h |

■定格 Ratings (1J・2A・2B)

動作温度範囲 Operating Temp. Range : -40°C~+85°C 保存温度範囲 Storage Temp. Range : -40°C~+125°C
 包装数/リール Q'ty/Reel : TE 2,500pcs

| 形名 Type | バリスタ電圧 Varistor Vol. Vc | | 最大許容回路電圧 Max. Allowable Vol. | | 制限電圧 Clamping Vol. | | エネルギー耐量 Max. Energy E (J) | サージ耐量(2回印加) Max. Peak Current Ip (A) (2 times) | | |
|---------------|-------------------------------|------|---------------------------------|----------|-----------------------|-----|---------------------------------|--|------|----|
| | Ic=1mA | (V) | a.c.r.m.s. (V) | d.c. (V) | V1A | V2A | | | | |
| NV73A1JTTE8.2 | 6.8~9.8 | 4.2 | 6.0 | 6.0 | — | 21 | 0.1 | 30 | | |
| NV73A1JTTE12 | 10~14.4 | 6.1 | 8.6 | 8.6 | — | 29 | | | | |
| NV73A1JTTE15 | 12.5~18 | 7.6 | 10.8 | 10.8 | — | 35 | | | | |
| NV73A1JTTE18 | 16~20 | 9.1 | 12.8 | 12.8 | — | 37 | | | | |
| NV73A1JTTE20 | 18~22 | 10.6 | 15.0 | 15.0 | — | 40 | | | | |
| NV73A1JTTE22 | 19~24 | 12.0 | 16.5 | 16.5 | — | 42 | | | | |
| NV73A1JTTE24 | 21.8~26.5 | 14.0 | 18.0 | 18.0 | — | 46 | | | | |
| NV73A1JTTE27 | 25~32 | 17.0 | 22.0 | 22.0 | — | 49 | | | | |
| NV73A2ATTE8.2 | 6.8~9.8 | 4.2 | 6.0 | 6.0 | 18 | — | | | 0.01 | 10 |
| NV73A2ATTE12 | 10~14.4 | 6.1 | 8.6 | 8.6 | 24 | — | | | 0.03 | |
| NV73A2ATTE15 | 12.5~18 | 7.6 | 10.8 | 10.8 | 29 | — | 0.04 | | | |
| NV73A2ATTE18 | 16~20 | 9.1 | 12.8 | 12.8 | 29 | — | — | | | |
| NV73A2ATTE20 | 18~22 | 10.6 | 15.0 | 15.0 | 33 | — | 0.05 | | | |
| NV73A2ATTE22 | 19~24 | 12.0 | 16.5 | 16.5 | 39 | — | — | | | |
| NV73A2ATTE24 | 21.8~26.5 | 14.0 | 18.0 | 18.0 | 42 | — | 0.06 | | | |
| NV73A2ATTE27 | 25~32 | 17.0 | 22.0 | 22.0 | 50 | — | 0.07 | | | |
| NV73A2ATTE33 | 30~39 | 20.0 | 26.0 | 26.0 | 60 | — | 0.12 | | | |
| NV73A2ATTE39 | 37~47 | 25.0 | 31.0 | 31.0 | 72 | — | 0.14 | | | |
| NV73A2ATTE47 | 45~54 | 30.0 | 38.0 | 38.0 | 86 | — | 0.16 | | | |
| NV73B2ATTE8.2 | 6.8~9.8 | 4.2 | 6.0 | 6.0 | — | 18 | 0.03 | 20 | | |
| NV73B2ATTE12 | 10~14.4 | 6.1 | 8.6 | 8.6 | — | 24 | 0.05 | | | |
| NV73B2ATTE15 | 12.5~18 | 7.6 | 10.8 | 10.8 | — | 30 | 0.07 | | | |
| NV73B2ATTE18 | 16~20 | 9.1 | 12.8 | 12.8 | — | 32 | 0.08 | | | |
| NV73B2ATTE20 | 18~22 | 10.6 | 15.0 | 15.0 | — | 36 | 0.09 | | | |
| NV73B2ATTE22 | 19~24 | 12.0 | 16.5 | 16.5 | — | 40 | 0.11 | | | |
| NV73B2ATTE24 | 21.8~26.5 | 14.0 | 18.0 | 18.0 | — | 42 | 0.12 | | | |
| NV73B2ATTE27 | 25~32 | 17.0 | 22.0 | 22.0 | — | 48 | 0.24 | | | |
| NV73B2ATTE33 | 30~39 | 20.0 | 26.0 | 26.0 | — | 66 | 0.25 | | | |
| NV73B2ATTE39 | 37~47 | 25.0 | 31.0 | 31.0 | — | 72 | 0.26 | | | |
| NV73C2ATTE8.2 | 6.8~9.8 | 4.2 | 6.0 | 6.0 | — | 18 | 0.04 | 25 | | |
| NV73C2ATTE12 | 10~14.4 | 6.1 | 8.6 | 8.6 | — | 24 | 0.09 | | | |
| NV73C2ATTE15 | 12.5~18 | 7.6 | 10.8 | 10.8 | — | 29 | 0.11 | | | |
| NV73C2ATTE18 | 16~20 | 9.1 | 12.8 | 12.8 | — | 32 | 0.13 | | | |
| NV73C2ATTE20 | 18~22 | 10.6 | 15.0 | 15.0 | — | 35 | 0.14 | | | |
| NV73C2ATTE22 | 19~24 | 12.0 | 16.5 | 16.5 | — | 40 | 0.17 | | | |
| NV73C2ATTE24 | 21.8~26.5 | 14.0 | 18.0 | 18.0 | — | 42 | 0.18 | | | |
| NV73A2BTTE27 | 25~32 | 17.0 | 22.0 | 22.0 | — | 55 | 0.13 | | 40 | |
| NV73A2BTTE33 | 30~39 | 20.0 | 26.0 | 26.0 | — | 60 | 0.15 | | | |
| NV73A2BTTE39 | 37~47 | 25.0 | 31.0 | 31.0 | — | 72 | 0.18 | | | |
| NV73A2BTTE47 | 45~54 | 30.0 | 38.0 | 38.0 | — | 85 | 0.22 | | | |
| NV73A2BTTE56 | 52~62 | 35.0 | 45.0 | 45.0 | — | 100 | 0.26 | | | |
| NV73B2BTTE8.2 | 6.8~9.8 | 4.2 | 6.0 | 6.0 | — | 18 | 0.03 | 30 | | |
| NV73B2BTTE12 | 10~14.4 | 6.1 | 8.6 | 8.6 | — | 24 | 0.07 | | | |
| NV73B2BTTE15 | 12.5~18 | 7.6 | 10.8 | 10.8 | — | 29 | 0.09 | | | |
| NV73B2BTTE18 | 16~20 | 9.1 | 12.8 | 12.8 | — | 32 | 0.10 | | | |
| NV73B2BTTE20 | 18~22 | 10.6 | 15.0 | 15.0 | — | 35 | 0.11 | | | |
| NV73B2BTTE22 | 19~24 | 12.0 | 16.5 | 16.5 | — | 40 | 0.12 | | | |
| NV73B2BTTE24 | 21.8~26.5 | 14.0 | 18.0 | 18.0 | — | 42 | 0.14 | | | |
| NV73B2BTTE27 | 25~32 | 17.0 | 22.0 | 22.0 | — | 52 | 0.16 | | | |
| NV73C2BTTE8.2 | 6.8~9.8 | 4.2 | 6.0 | 6.0 | — | 18 | 0.06 | | 40 | |
| NV73C2BTTE12 | 10~14.4 | 6.1 | 8.6 | 8.6 | — | 24 | 0.10 | | | |
| NV73C2BTTE15 | 12.5~18 | 7.6 | 10.8 | 10.8 | — | 29 | 0.13 | | | |
| NV73C2BTTE18 | 16~20 | 9.1 | 12.8 | 12.8 | — | 29 | 0.15 | | | |
| NV73C2BTTE20 | 18~22 | 10.6 | 15.0 | 15.0 | — | 31 | 0.17 | | | |
| NV73C2BTTE22 | 19~24 | 12.0 | 16.5 | 16.5 | — | 35 | 0.19 | | | |
| NV73C2BTTE24 | 21.8~26.5 | 14.0 | 18.0 | 18.0 | — | 38 | 0.20 | | | |
| NV73C2BTTE27 | 25~32 | 17.0 | 22.0 | 22.0 | — | 48 | 0.24 | | | |

上記以外の詳細データも用意しておりますので、営業所へご要求ください。
 Detailed data other than the above-mentioned are also available, for which please ask our sales office.

VARISTORS

NV73 積層形金属酸化物バリスタ Multilayer Type Metal Oxide Varistors

■定格 Ratings (2E・2J・2L)

動作温度範囲 Operating Temp. Range : -50°C~+125°C 保存温度範囲 Storage Temp. Range : -50°C~+150°C

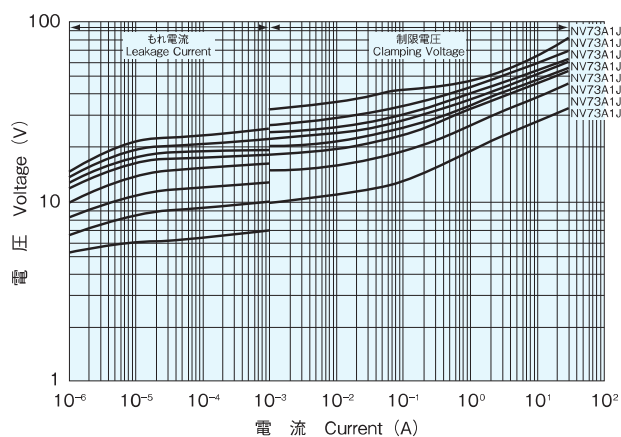
包装数/リール Q'ty/Reel 2E : TE (2,000pcs)、2J・2L : TE (1,000pcs)

| 形名 Type | バリスタ電圧 Varistor Vol. Vc | | 最大許容回路電圧 Max. Allowable Vol. | | 制限電圧 Clamping Vol. | | | エネルギー耐量 (100回印加) Max. Energy E (J) (100 times) | サージ耐量 (100回印加) Max. Peak Current Ip (A) (100 times) |
|---------------|-------------------------------|-----|---------------------------------|----------|-----------------------|-----------------|------------------|---|--|
| | Ic=1mA | (V) | a.c.-rms (V) | d.c. (V) | V _{2.5A} | V _{5A} | V _{10A} | | |
| NV73A2ETTE15 | 12.8~17.3 | | 8 | 11 | 30 | — | — | 1.0 | 400 |
| NV73A2ETTE18 | 15.3~20.7 | | 11 | 14 | 34 | — | — | 1.2 | |
| NV73A2ETTE22 | 19.8~24.2 | | 12 | 16.5 | 39 | — | — | 1.4 | |
| NV73A2ETTE24 | 21.6~26.4 | | 14 | 18 | 39 | — | — | 1.7 | |
| NV73A2ETTE27 | 24.3~29.7 | | 17 | 22 | 44 | — | — | 1.9 | |
| NV73A2ETTE33 | 29.7~36.3 | | 20 | 26 | 54 | — | — | 1.7 | |
| NV73A2ETTE39 | 35.1~42.9 | | 25 | 30 | 65 | — | — | 2.0 | |
| NV73A2ETTE47 | 42.3~51.7 | | 30 | 38 | 77 | — | — | 1.2 | |
| NV73A2ETTE56 | 50.4~61.6 | | 35 | 45 | 90 | — | — | 1.4 | |
| NV73A2ETTE82 | 73.8~90.2 | | 50 | 65 | 135 | — | — | 200 | |
| NV73A2ETTE100 | 90.0~110.0 | | 60 | 85 | 165 | — | — | 500 | |
| NV73A2ETTE110 | 99.0~121.0 | | 70 | 90 | 180 | — | — | | 1.4 |
| NV73A2JTTE12 | 10.2~13.8 | | 6 | 9 | — | 27 | — | | 0.9 |
| NV73A2JTTE15 | 12.8~17.3 | | 8 | 11 | — | 32 | — | | 1.2 |
| NV73A2JTTE18 | 16.2~19.8 | | 11 | 14 | — | 35 | — | | 1.4 |
| NV73A2JTTE22 | 19.8~24.2 | | 12 | 16.5 | — | 41 | — | | 1.6 |
| NV73A2JTTE24 | 21.6~26.4 | | 14 | 18 | — | 44 | — | | 1.7 |
| NV73A2JTTE27 | 24.3~29.7 | | 17 | 22 | — | 49 | — | | 2.0 |
| NV73A2JTTE33 | 29.7~36.3 | | 20 | 26 | — | 54 | — | | 2.5 |
| NV73A2JTTE39 | 35.1~42.9 | | 25 | 30 | — | 65 | — | | 2.9 |
| NV73A2JTTE47 | 42.3~51.7 | | 30 | 38 | — | 77 | — | 3.5 | |
| NV73A2JTTE56 | 50.4~61.6 | | 35 | 45 | — | 90 | — | 4.2 | |
| NV73A2JTTE68 | 61.2~74.8 | | 40 | 56 | — | 110 | — | 4.8 | |
| NV73A2JTTE82 | 73.8~90.2 | | 50 | 65 | — | 135 | — | 4.5 | |
| NV73A2JTTE100 | 90.0~110.0 | | 60 | 85 | — | 165 | — | 400 | |
| NV73A2JTTE110 | 99.0~121.0 | | 70 | 90 | — | 180 | — | | 5.8 |
| NV73A2JTTE150 | 135.0~165.0 | | 95 | 127 | — | 248 | — | | 300 |
| NV73B2JTTE15 | 12.8~17.3 | | 8 | 11 | — | 32 | — | 1.8 | 800 |
| NV73B2JTTE18 | 15.3~20.7 | | 11 | 14 | — | 35 | — | 1.9 | |
| NV73B2JTTE22 | 19.8~24.2 | | 12 | 16.5 | — | 41 | — | 2.3 | |
| NV73B2JTTE24 | 21.6~26.4 | | 14 | 18 | — | 44 | — | 2.7 | |
| NV73B2JTTE27 | 24.3~29.7 | | 17 | 22 | — | 49 | — | 3.0 | |
| NV73B2JTTE33 | 29.7~36.3 | | 20 | 26 | — | 54 | — | 3.7 | |
| NV73B2JTTE39 | 35.1~42.9 | | 25 | 30 | — | 65 | — | 4.2 | |
| NV73B2JTTE47 | 42.3~51.7 | | 30 | 38 | — | 77 | — | | |
| NV73B2JTTE56 | 50.4~61.6 | | 35 | 45 | — | 90 | — | | |
| NV73A2LTTE12 | 10.2~13.8 | | 6 | 9 | — | — | 28 | 1.9 | |
| NV73A2LTTE15 | 12.8~17.3 | | 8 | 11 | — | — | 33 | 2.3 | |
| NV73A2LTTE18 | 16.2~19.8 | | 11 | 14 | — | — | 36 | 2.7 | |
| NV73A2LTTE22 | 19.8~24.2 | | 12 | 16.5 | — | — | 41 | 2.9 | |
| NV73A2LTTE24 | 21.6~26.4 | | 14 | 18 | — | — | 45 | 3.1 | |
| NV73A2LTTE27 | 24.3~29.7 | | 17 | 22 | — | — | 48 | 3.8 | |
| NV73A2LTTE33 | 29.7~36.3 | | 20 | 26 | — | — | 57 | 4.3 | |
| NV73A2LTTE39 | 35.1~42.9 | | 25 | 30 | — | — | 65 | 5.5 | |
| NV73A2LTTE47 | 42.3~51.7 | | 30 | 38 | — | — | 77 | 6.3 | |
| NV73A2LTTE56 | 50.4~61.6 | | 35 | 45 | — | — | 90 | 7.7 | |
| NV73A2LTTE68 | 61.2~74.8 | | 40 | 56 | — | — | 110 | 8.8 | |
| NV73A2LTTE100 | 90.0~110.0 | | 60 | 85 | — | — | 165 | 6.8 | |
| NV73A2LTTE110 | 99.0~121.0 | | 70 | 90 | — | — | 180 | | |
| NV73B2LTTE15 | 12.8~17.3 | | 8 | 11 | — | — | 33 | 4.2 | 1,200 |
| NV73B2LTTE18 | 15.3~20.7 | | 11 | 14 | — | — | 36 | 5.4 | |
| NV73B2LTTE22 | 19.8~24.2 | | 12 | 16.5 | — | — | 41 | 5.8 | |
| NV73B2LTTE24 | 21.6~26.4 | | 14 | 18 | — | — | 45 | | |
| NV73B2LTTE27 | 24.3~29.7 | | 17 | 22 | — | — | 48 | 7.2 | |
| NV73B2LTTE33 | 29.7~36.3 | | 20 | 26 | — | — | 57 | 7.8 | |
| NV73B2LTTE39 | 35.1~42.9 | | 25 | 30 | — | — | 65 | 9.6 | |
| NV73B2LTTE47 | 42.3~51.7 | | 30 | 38 | — | — | 77 | 12.0 | |
| NV73B2LTTE56 | 50.4~61.6 | | 35 | 45 | — | — | 90 | 7.7 | |
| NV73B2LTTE82 | 73.8~90.2 | | 50 | 65 | — | — | 135 | 5.6 | |

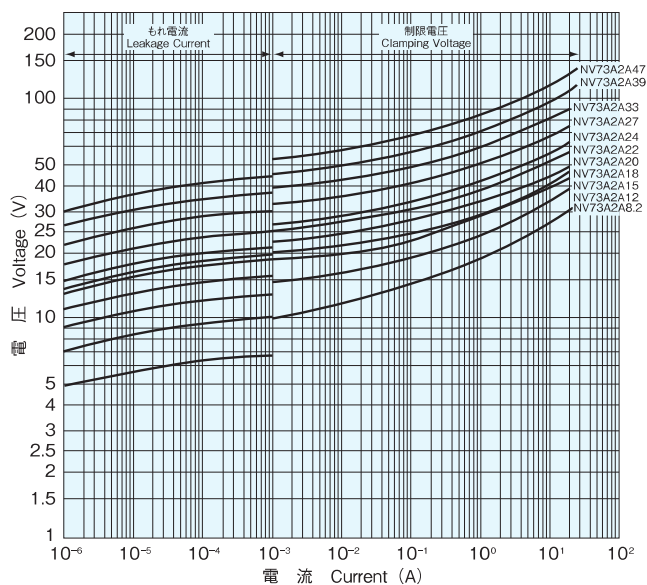
バリスタ
Varistors

■電圧-電流曲線(参考) Voltage-Current Curves (Reference) (Ta=25°C)

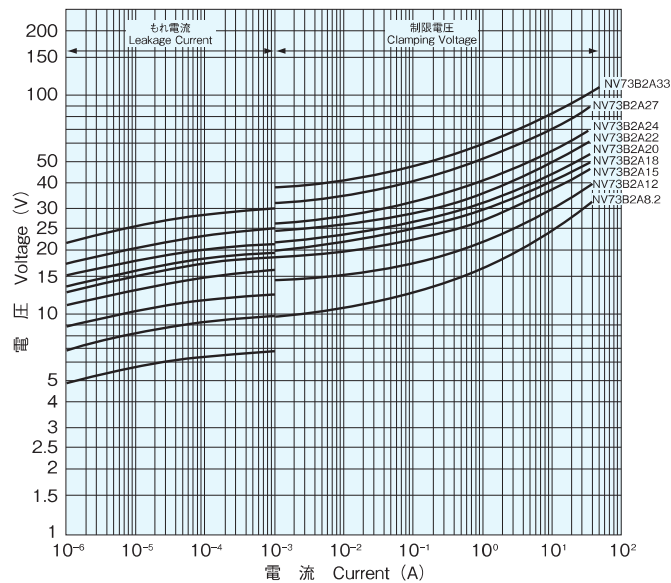
NV73A1J



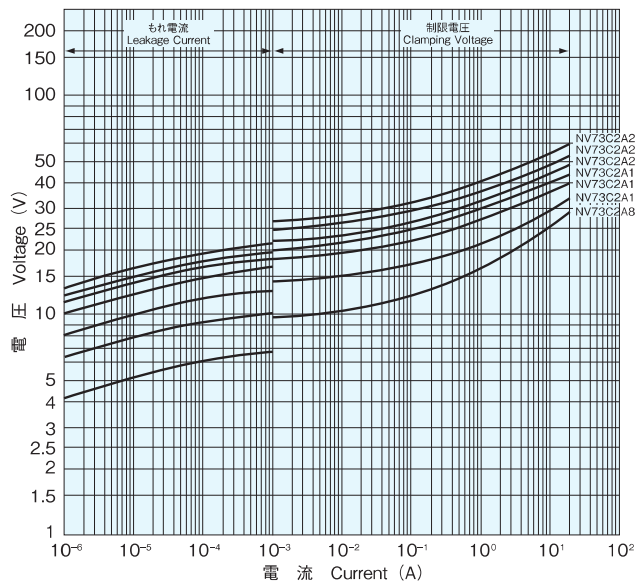
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NV73B2A



NV73C2A

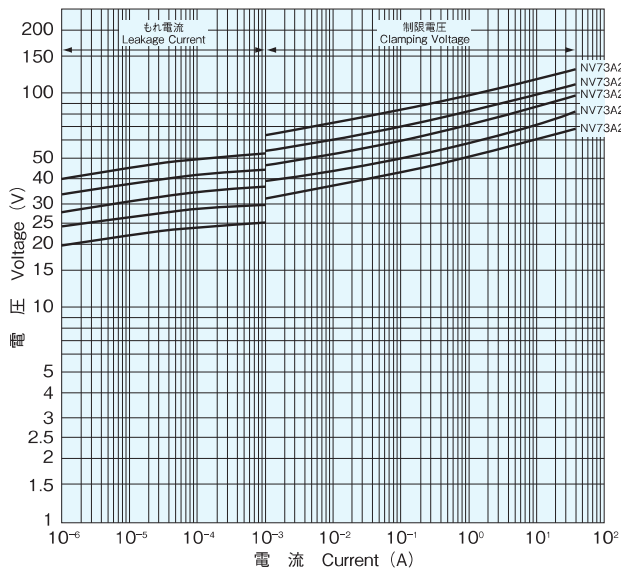


VARISTORS

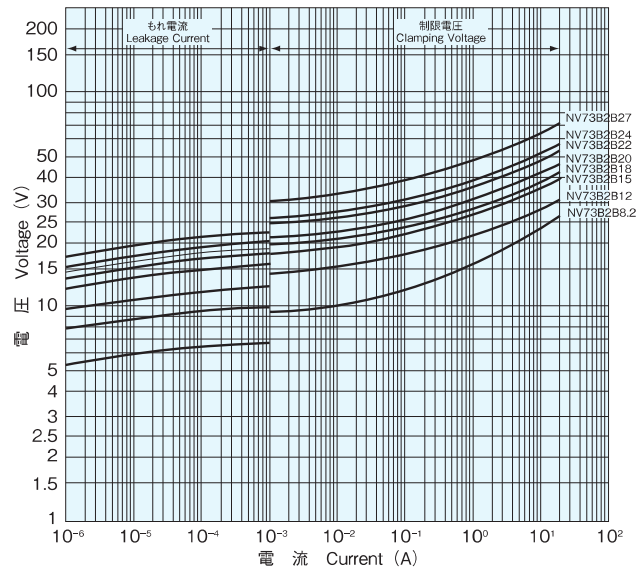
NV73 積層形金属酸化物バリスタ Multilayer Type Metal Oxide Varistors

■電圧-電流曲線 (参考) Voltage-Current Curves (Reference) (Ta=25°C)

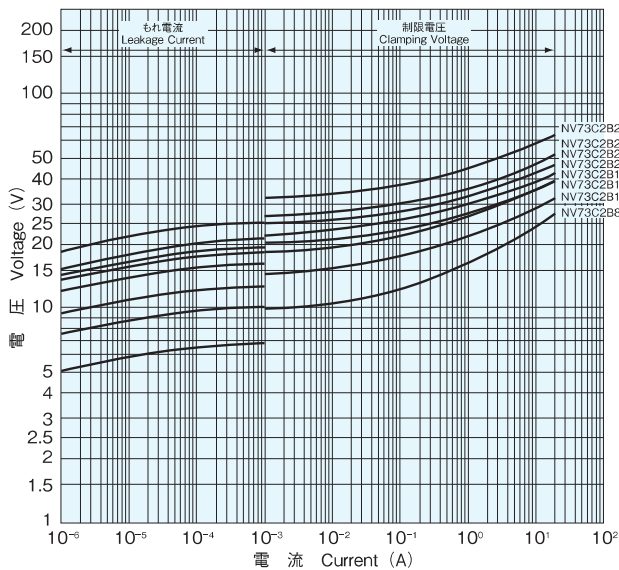
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NV73B2B

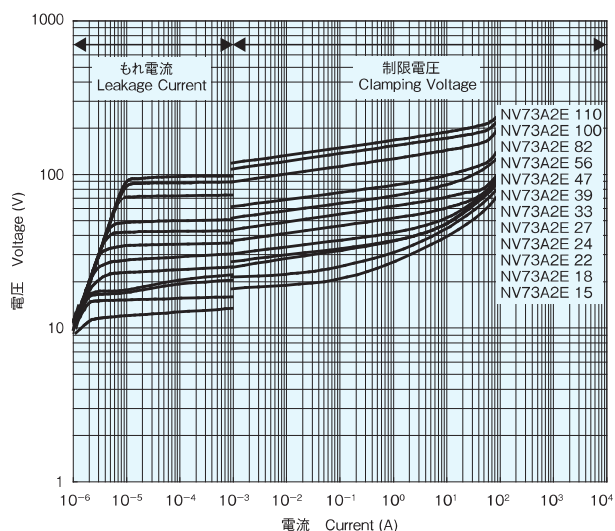


NV73C2B

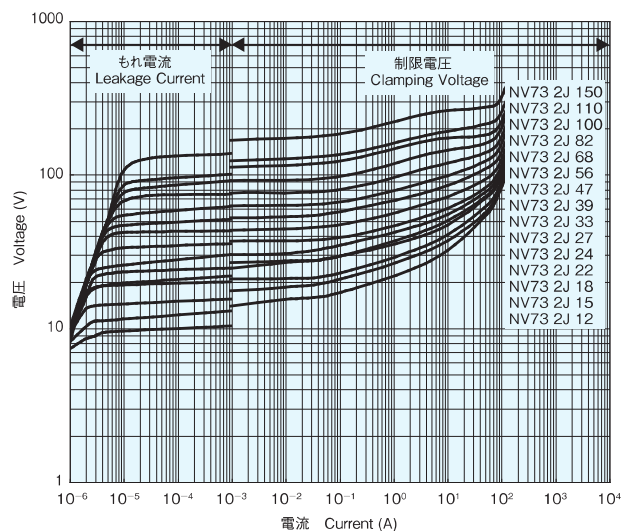


■電圧-電流曲線(参考) Voltage-Current Curves (Reference) (Ta=25°C)

NV73 2E



NV73 2J



NV73 2L

