



Hitachi Chemical_SMD鈮質電容

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A Niobium Capacitor is a polar capacitor which dielectric is a Niobium pentoxide formed on the surface of the sintered Niobium metallic powder. The NMC type capacitors have small and large capacitance and are flame retardant. Most importantly, NMC Niobium capacitors are environmentally-friendly and meet lead-free RoHS directive

| Part No. | Product No. | 製造廠商 | 說明 | Capacitance uF | Tolerance(±) | Voltage | Case(L*W1*H*L1*W2*K) | Pes./Reel |
|----------|---------------|---------|----------------------|----------------|--------------|---------|----------------------|-----------|
| 46603 | NMCA0G106MTRF | HITACHI | 日立_Chemical_SMD 鈮質電容 | 10UF | ±20% | 4V | 3.2*1.6*1.6*0.7*1.2 | 2K/R |

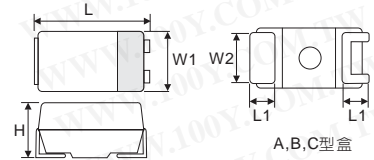


- 以TMC型電容器的製造技術為基礎，特為汽車電器裝備用而開發的芯片鈮電容器最適用於要求高可靠度的OA、計算機相關機器
- 與原來產品相比，在高溫125°C環境下，具有優越的可靠性，耐濕性，耐溫度循環性
耐濕性: 85°C 85% RH 放置1000小時
65°C 95%RH 額定電壓負荷500小時
耐熱性: 125°C 減輕電壓負荷2000小時
150°C 放置1000小時

| Part No. | Product No. | 製造廠商 | 說明 | Capacitance uF | Tolerance(±) | Voltage | Case(L*W1*H*L1*W2) | Pes./Reel |
|----------|----------------|---------|----------------------|----------------|--------------|---------|---------------------|-----------|
| 46589 | TMCHA1C105MTRF | HITACHI | 日立_Chemical SMD 鈮質電容 | 1UF | ±20% | 16V | 3.2*1.6*1.6*0.7*1.2 | 2K/R |



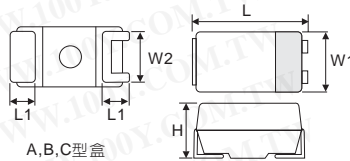
- 在芯片鈮電容器中為適用性最大的標準型號，焊接耐熱性高，適用於自動封裝
- 頻率特性良好並且阻抗特性也非常好



| Part No. | Product No. | 製造廠商 | 說明 | Capacitance uF | Tolerance(±) | Voltage | Case(L*W1*H*L1*W2) | Pes./Reel |
|----------|----------------|---------|----------------------|----------------|--------------|---------|---------------------|-----------|
| 46587 | TMCSA1C105MTRF | HITACHI | 日立_Chemical_SMD 鈮質電容 | 1UF | ±20% | 16V | 3.2*1.6*1.6*0.7*1.2 | 2K/R |



- 以TMCS型電容器的製造技術為基礎而生產的超小型芯片鈮電容器（與TMCS型相比，體積約為其1/2~1/3）
- 適用於以AV為代表的高密度封裝



| 尺寸標示 | L | W1 | H | L1 | W2 |
|------|-----|-----|-----|-----|-----|
| A | 3.2 | 1.6 | 1.6 | 0.7 | 1.2 |
| B | 3.5 | 2.8 | 1.9 | 0.8 | 2.2 |
| C | 5.8 | 3.2 | 2.5 | 1.3 | 2.2 |

| Part No. | Product No. | 製造廠商 | 說明 | Capacitance uF | Tolerance(±) | Voltage | Case |
|----------|---------------|---------|-------------------------|----------------|--------------|---------|--------|
| 43691 | TMCA0J475MTRF | HITACHI | 日立_SMD 鈮質電容 | 4.7uF | ±20% | 6.3V | A |
| 11696 | TMCA1C475MTRF | HITACHI | HITACHI_SMD 鈮質電容 | 4.7uF | ±20% | 16V | A |
| 50434 | TMCM1A107MTRF | HITACHI | HITACHI_SMD B Case 鈮質電容 | 100uF | ±20% | 10V | B Case |

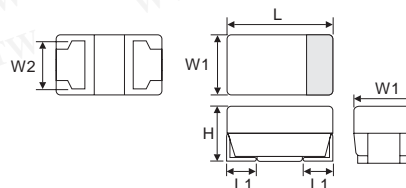


- 在原有的技術基礎上進一步小型化。（與TMCS型相比，體積約相當於其1/3）
- 適用於AV機器等必須微型化的高密度封裝

| Part No. | Product No. | 製造廠商 | 說明 | Capacitance uF | Tolerance(±) | Voltage | Case(L*W1*H*L1*W2) | Pes./Reel |
|----------|---------------|---------|-------------|----------------|--------------|---------|-----------------------|-----------|
| 43704 | TMCP0J225MTRF | HITACHI | 日立_SMD 鈮質電容 | 2.2uF | ±20% | 6.3V | P2.0*1.25*1.2*0.5*0.9 | 3K/R |
| 43702 | TMCP0J475MTRF | HITACHI | 日立_SMD 鈮質電容 | 4.7uF | ±20% | 6.3V | P2.0*1.25*1.2*0.5*0.9 | 3K/R |
| 43705 | TMCP0J685MTRF | HITACHI | 日立_SMD 鈮質電容 | 6.8uF | ±20% | 6.3V | P2.0*1.25*1.2*0.5*0.9 | 3K/R |



- 在TMCP型電容器技術的基礎上進一步小型化。（與TMCP型相比，體積約相當於其1/3）
- 適用於高密度封裝



| Part No. | Product No. | 製造廠商 | 說明 | Capacitance uF | Tolerance(±) | Voltage | Case(L*W1*H*L1*W2) | Pes./Reel |
|----------|---------------|---------|-------------|----------------|--------------|---------|------------------------|-----------|
| 43697 | TMCJ0J685MTRF | HITACHI | 日立_SMD 鈮質電容 | 6.8uF | ±20% | 6.3V | J1.6*0.8*0.8*0.3*0.6mm | 4K/R |
| 43701 | TMCJ1C105MTRF | HITACHI | 日立_SMD 鈮質電容 | 1uF | ±20% | 16V | J1.6*0.8*0.8*0.3*0.6mm | 4K/R |

