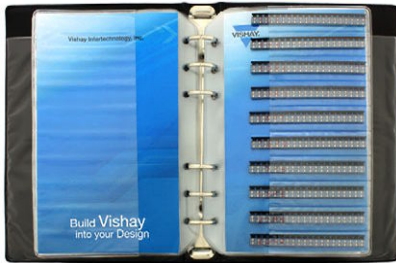




## Sample Kit Low Ohmic Thin Film MELF Resistors MMU 0102, MMA 0204, MMB 0207



Files contain lengths of blister tape, each holding 20 resistors. The kit contains every value of the E 12-series. Parts are sorted in the ascending order of their resistance value and are appropriately marked.

### FEATURES

- Three case sizes in one kit
- Approved to EN 140401-803
- AEC-Q200 qualified
- Advanced metal film technology
- Best in class pulse load capability
- Intrinsic sulfur resistance
- Material categorization:  
for definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)



| SPECIFICATIONS              |   |   |  |
|-----------------------------|---|---|--|
| Laboratory kit              | LML 12/1  |   |  |
| Description                 | MMU 0102  | MMA 0204  | MMB 0207   |
| Temperature coefficient     | ± 50 ppm/K  | ± 50 ppm/K  | ± 50 ppm/K; ± 100 ppm/K                                |
| Tolerance                   | ± 2 %; ± 5 %  | ± 1 %   | ± 1 %; ± 2 %   |
| Resistance range / E-series | 0.22 Ω to 9.1 Ω /<br>every value of E 12 <sup>(1)</sup> | 0.22 Ω to 9.1 Ω /<br>every value of E 12 <sup>(1)</sup> | 0.1 Ω to 9.1 Ω /<br>every value of E 12 <sup>(2)</sup> |
| Number of resistance values | 22  | 22  | 27   |
| Resistors per value / total | 20 / 440  | 20 / 440  | 20 / 540   |
| Number of pages / files     | 8 / 1   |   |  |

### Notes

- The products are specified by the underlying standard product's datasheet "Professional Thin Film MELF Resistors" in its most current edition at [www.vishay.com/doc?28713](http://www.vishay.com/doc?28713).
- <sup>(1)</sup> Supplemented by 0.91 Ω and 9.1 Ω.
- <sup>(2)</sup> Supplemented by 0.2 Ω, 0.91 Ω, and 9.1 Ω.

| PART NUMBER AND PRODUCT DESCRIPTION |                                  |
|-------------------------------------|----------------------------------|
| Part number                         | LML121MELF0CBFGJ00               |
| Product Description                 | LML 12 1 MELF 50 100 1 % 2 % 5 % |

### Note

- The product can be ordered using either the PART NUMBER or the PRODUCT DESCRIPTION.

| TABLE OF CONTENTS |             |           |                                 |          |
|-------------------|-------------|-----------|---------------------------------|----------|
| TYPE / SIZE       | TCR         | TOLERANCE | RESISTANCE                      | E-SERIES |
| MMU 0102          | ± 50 ppm/K  | ± 5 %     | 0.22 Ω to 0.91 Ω                | E12      |
|                   |             | ± 2 %     | 1 Ω to 9.1 Ω                    |          |
| MMA 0204          | ± 50 ppm/K  | ± 1 %     | 0.22 Ω to 0.91 Ω <sup>(1)</sup> |          |
|                   |             |           | 1 Ω to 9.1 Ω                    |          |
| MMB 0207          | ± 100 ppm/K | ± 2 %     | 0.1 Ω to 0.2 Ω <sup>(1)</sup>   |          |
|                   | ± 50 ppm/K  | ± 1 %     | 0.22 Ω to 0.91 Ω <sup>(1)</sup> |          |
|                   |             |           | 1 Ω to 9.1 Ω                    |          |

### Note

- <sup>(1)</sup> Approval according to EN 140401-803 not available.

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