

## ■ 品番構成法 / Type descriptions

| ME           | G                                                                                                                                              | 02                   | N                                    | 1 0 0                                                                                                                                                                                                                                                                     | J                                     | B                                                   | 1 1 5                                                         |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------|---------------------------------------------------------------|
| 型 式<br>Model | 素 子<br>Element                                                                                                                                 | 外 形<br>Shape         | 取付金具<br>Mounting<br>metal<br>fitting | 公称抵抗値<br>Nominal<br>Resistance                                                                                                                                                                                                                                            | 抵抗値許容差<br>Tolerance for<br>resistance | 仕様規格<br>Standard<br>spec.                           | 公称動作温度<br>Nominal<br>operating<br>temperature                 |
|              | G - 巻線 (碍芯)<br>Wire-wound-type<br>(ceramic core)<br>S - 巻線 (ガラス繊維芯)<br>Wire-wound-type<br>(glass fiber core)<br>R - 酸化金属皮膜<br>Metal oxide film | 02<br>03<br>05<br>07 | N - なし<br>Nil                        | 初めの2桁は有効数字、<br>3桁目はそれに続くゼロの数、<br>小数点はRで示す。<br>The first two digits are For an effective value and The<br>third digit denotes The number of zeros following the<br>former.<br>The decimal point is indicated by "R"<br>例, Example<br>0.5Ω = R50<br>100Ω = 101<br>2kΩ = 202 | J - ± 5 %                             | B - UL/CSA 仕様<br>UL/CSA spec.<br>I - 一般品<br>General | 115 - 115<br>121 - 121<br>133 - 133<br>142 - 142<br>151 - 151 |

MEG

MES

MER

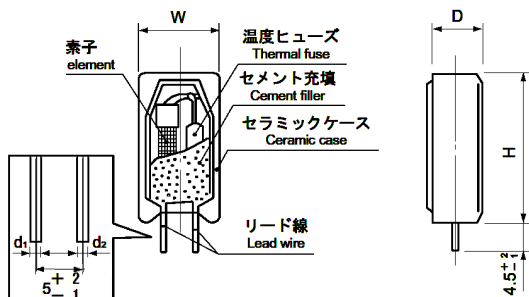
### 温度ヒューズ内蔵セメント抵抗器

Thermal fuse incorporated cement resistors

セメント抵抗器の内部に温度ヒューズが内蔵されており過負荷はもちろん外部過熱にもシャープに応答します。耐サージにもすぐれスイッチング電源の突入防止用として最適です。

Since thermal fuses are incorporated, cement resistors respond quickly to overloading as well as external overheating.

These resistors also provide outstanding features against surges. Therefore they are suitable for the prevention of inrush current for switching power supply.

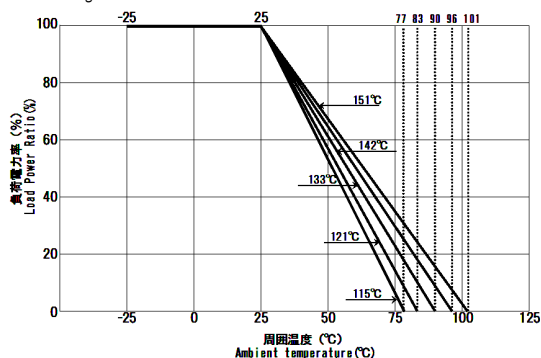


- 素子、定格電力、抵抗値範囲、許容差 他  
Element, Rated power, Resistance, Tolerance, etc.

| 外形<br>shape | 素子<br>Element | 抵抗値範囲 (Ω)<br>Resistance Range |                    | 温度ヒューズの種類<br>Type of thermal fuse                   |                                                       | 連続定格<br>電力<br>Continuous<br>Rated<br>power | ROHS |
|-------------|---------------|-------------------------------|--------------------|-----------------------------------------------------|-------------------------------------------------------|--------------------------------------------|------|
|             |               | 標準品<br>Standard               | UL/CSA 品<br>UL/CSA | 公称動作温度<br>2A ( )<br>2Amp, Nominal<br>operating temp | 公称動作温度<br>10A ( )<br>10Amp, Nominal<br>operating temp |                                            |      |
| 02          | MEG           | 0.15 ~ 200                    | —                  | 115                                                 | —                                                     | 1.0W                                       | ○    |
|             | MES           | 0.15 ~ 200                    | —                  | 142                                                 | —                                                     | 1.7W                                       |      |
|             | MER           | 100 ~ 13K                     | —                  | 151                                                 | —                                                     | 1.9W                                       |      |
| 03          | MEG           | 0.27 ~ 360                    | —                  | 115                                                 | —                                                     | 1.05W                                      |      |
|             | MES           | 0.27 ~ 360                    | —                  | 142                                                 | —                                                     | 1.75W                                      |      |
|             | MER           | 100 ~ 22K                     | —                  | 151                                                 | —                                                     | 2.0W                                       |      |
| 05          | MEG           | 0.3 ~ 510                     | 0.3 ~ 91           | 115                                                 | —                                                     | 1.1W                                       |      |
|             | MES           | 0.3 ~ 510                     | 0.3 ~ 510          | 142                                                 | —                                                     | 1.8W                                       |      |
|             | MER           | 100 ~ 27K                     | —                  | 151                                                 | —                                                     | 2.1W                                       |      |
| 07          | MEG           | 0.51 ~ 1.5K                   | 0.51 ~ 180         | —                                                   | 121                                                   | 2.8W                                       |      |
|             | MES           | 0.51 ~ 1.5K                   | 0.51 ~ 1.5k        | —                                                   | 133                                                   | 3.3W                                       |      |
|             | MER           | 200 ~ 56K                     | —                  | —                                                   | 142                                                   | 3.8W                                       |      |

- 軽減曲線

Derating curve



注1) ○はRoHS 対応。  
N.B.1) ○: RoHS Compliant.

- 外形寸法

External dimensions

| 外形<br>shape | 寸法<br>Dimensions (mm) |       |            |           |           |
|-------------|-----------------------|-------|------------|-----------|-----------|
|             | W                     | D     | H          | d1        | d2        |
| 02          | 11 ± 1                | 7 ± 1 | 20.5 ± 1.5 | 0.8 ± 0.1 | 0.6 ± 0.1 |
| 03          | 12 ± 1                | 8 ± 1 | 25.0 ± 1.5 | 0.8 ± 0.1 | 0.6 ± 0.1 |
| 05          | 13 ± 1                | 9 ± 1 | 25.0 ± 1.5 | 0.8 ± 0.1 | 0.6 ± 0.1 |
| 07          | 13 ± 1                | 9 ± 1 | 38.5 ± 1.5 | 1.0 ± 0.1 | 1.0 ± 0.1 |

標準品の他に温度ヒューズ、サーモスタット、ポジスター等を内蔵したカスタム抵抗器の設計、製作も承ります。

In addition to these standard types, custom resistors with thermal fuse can also be designed and manufactured.

- UL,CSA 規格認定 UL,CSA Approved as.  
UL-E56291  
CSA-LR96785  
< 認定品 >  
05 シリーズ → 5EG, 5ES  
05 Series → 5EG, 5ES  
07 シリーズ → 7EG, 7ES  
07 Series → 7EG, 7ES

ME-S-090209-01-T

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