



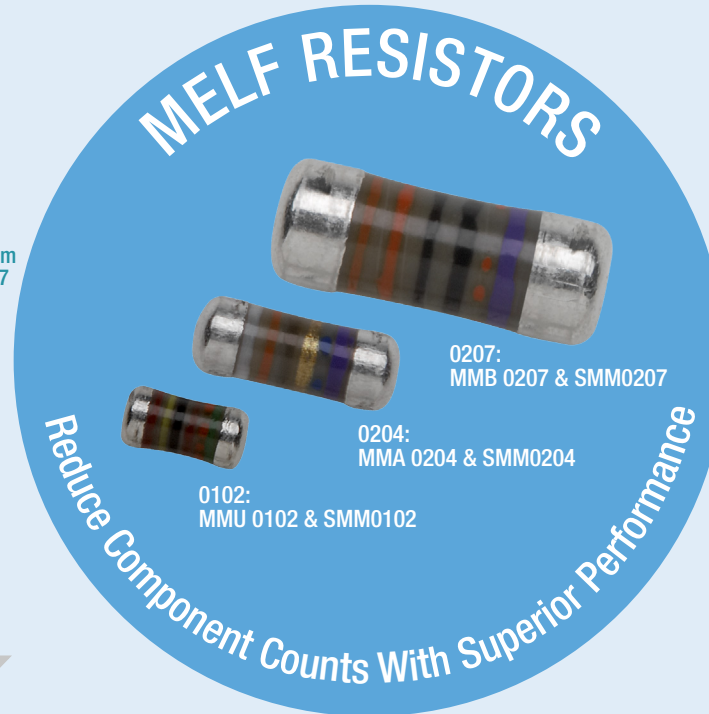
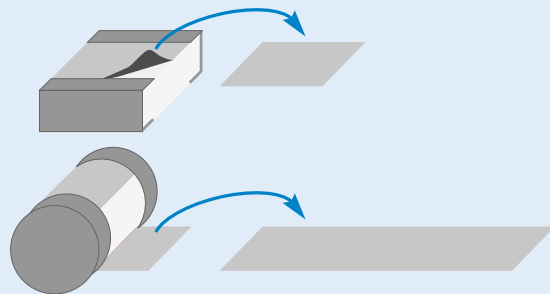
MELF RESISTORS FOR PULSE LOAD APPLICATIONS

IN A NUTSHELL

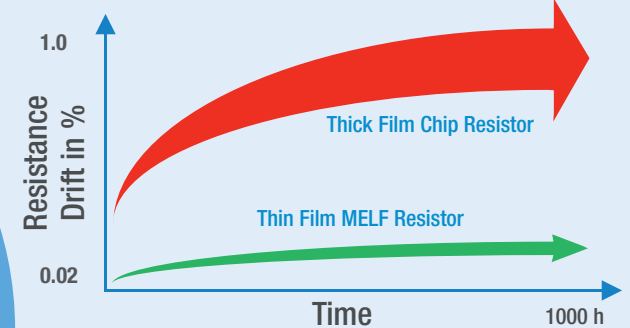
SUPERIOR PULSE CAPABILITY



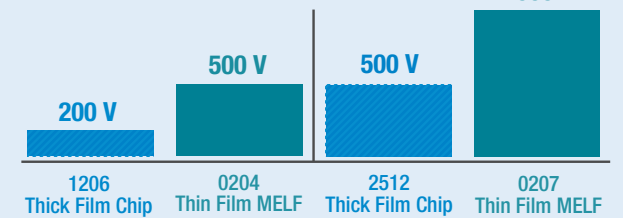
LARGEST EFFECTIVE RESISTIVE AREA for highest pulse handling capability



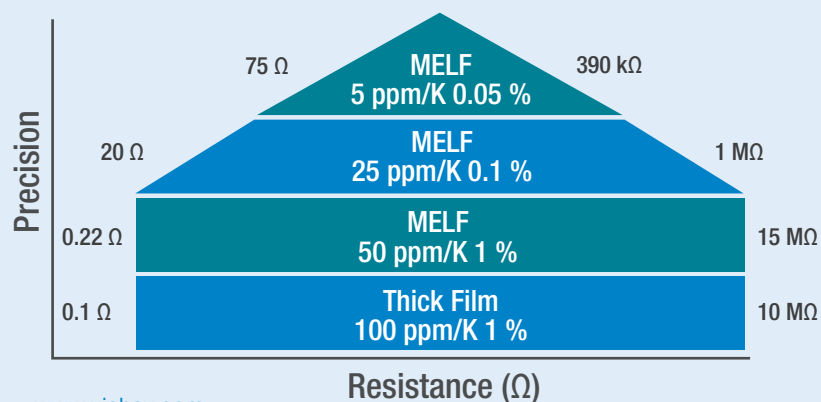
EXCELLENT LONG TERM STABILITY



HIGH VOLTAGE OPERATION



RESISTANCE RANGE AVAILABILITY

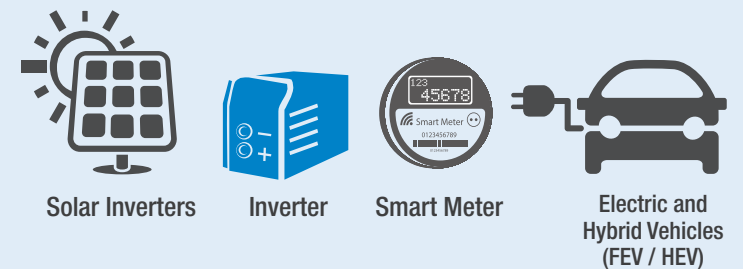


SIZE COMPARISON

MELF size = Chip size

- 0102 = ■ = 0805
- 0204 = ■ = 1206
- 0207 = ■ = 2512

APPLICATIONS





ULTRA PRECISION THIN FILM RESISTORS

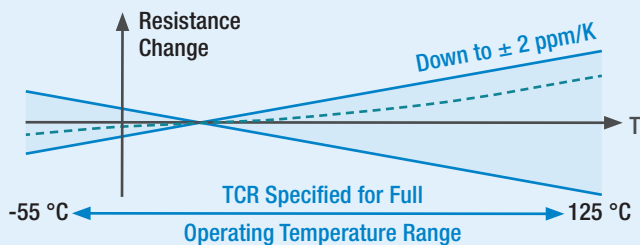
FOR HIGH ACCURACY OVER LIFETIME

ULTRA PRECISION

Tight Tolerance
down to

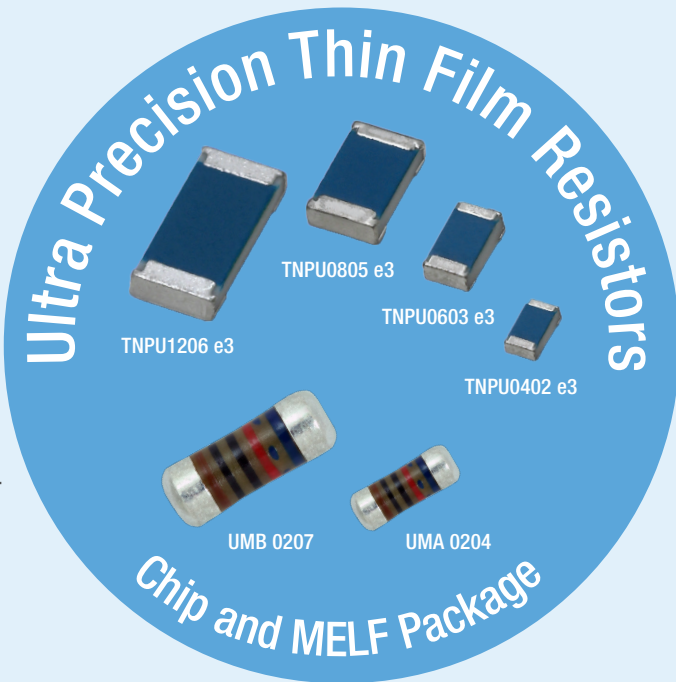
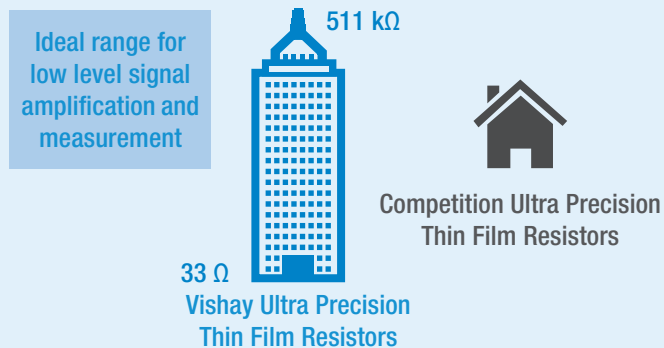


Low Temperature Coefficient



BROAD RESISTANCE RANGE

for TCR ± 5 ppm/K



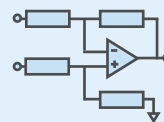
APPLICATIONS



TEST AND MEASUREMENT EQUIPMENT

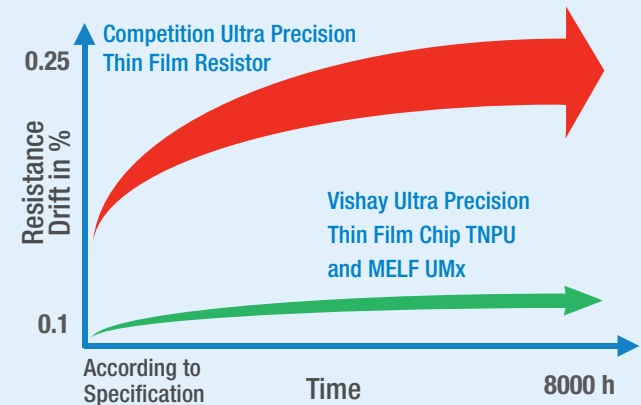


INDUSTRIAL SENSOR APPLICATIONS



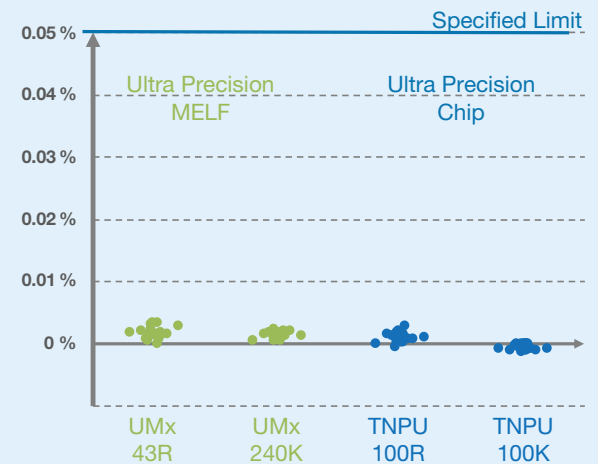
DIFFERENTIAL AMPLIFIER CIRCUITS

EXCELLENT LONG TERM STABILITY



TYPICAL CHANGE OF RESISTANCE

after 1000 h at rated dissipation P_{70}



melf@vishay.com
thinfilmchip@vishay.com