



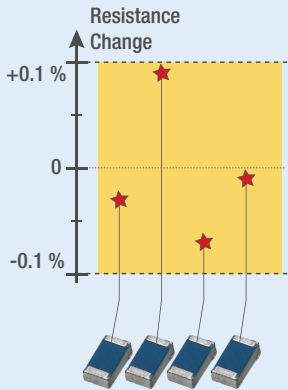
# RESISTOR ARRAYS

WHEREVER A STABLE RESISTANCE RATIO IS REQUIRED

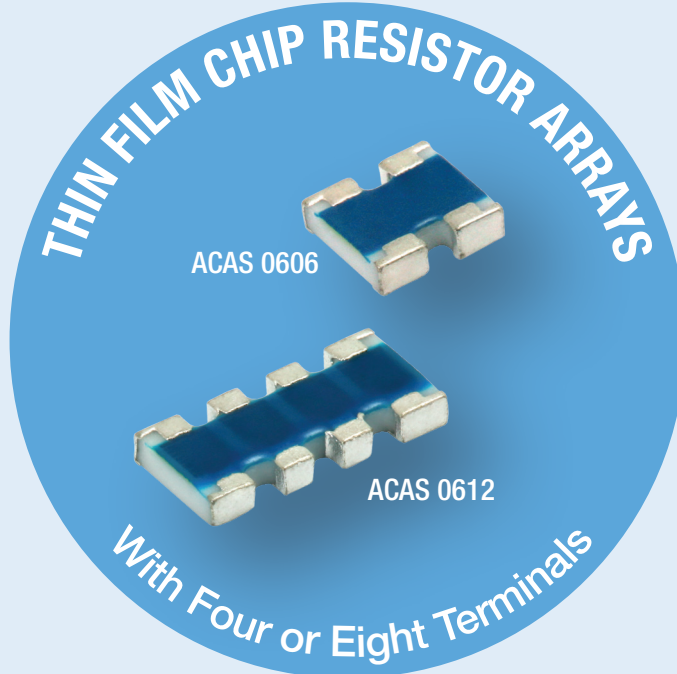
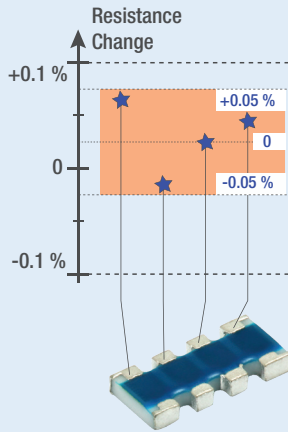
# IN A NUTSHELL

## TOLERANCE

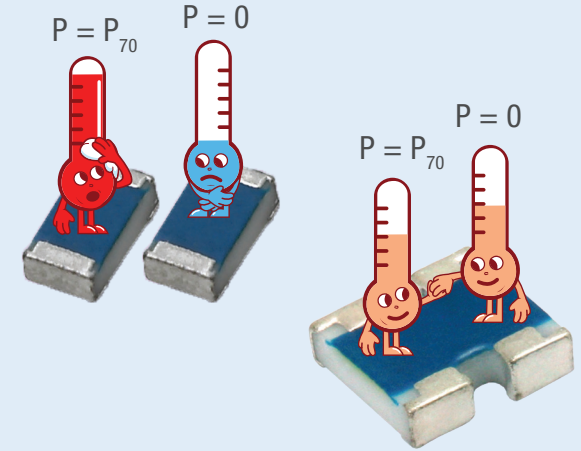
### Absolute Tolerance



### Relative Tolerance (Matching)

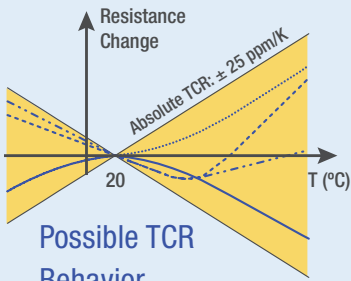


## THERMAL COUPLING

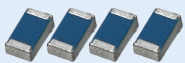


## TEMPERATURE COEFFICIENT

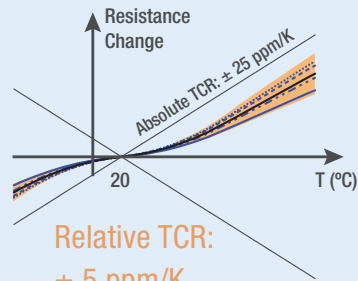
### Absolute TCR



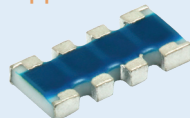
Possible TCR Behavior



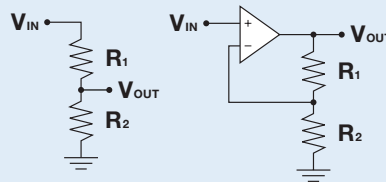
### Relative TCR (Tracking)



Relative TCR: ± 5 ppm/K



## APPLICATIONS



VOLTAGE DIVIDER

FEEDBACK LOOP



AUTOMOTIVE



DC/DC CONVERTERS



MEASUREMENT EQUIPMENT

## EQUIVALENT AGING DRIFT

Divider Ratio Stability: Aging Over Lifetime

