

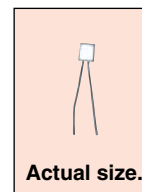
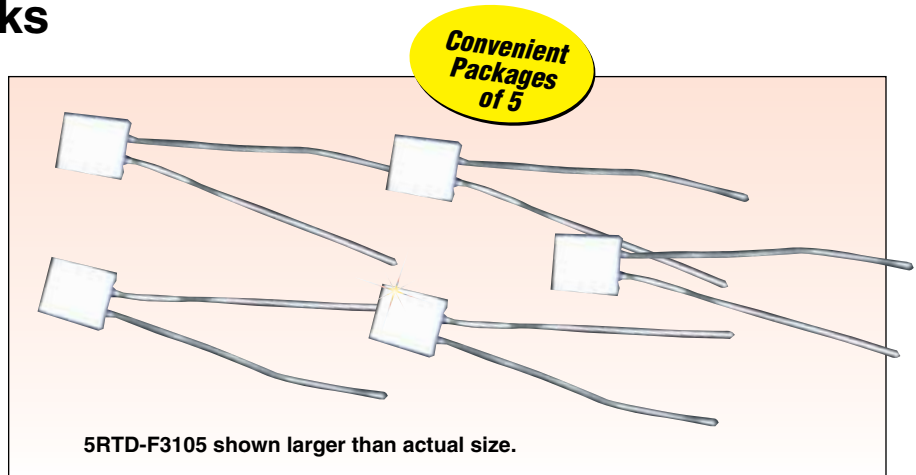
# OMEGA® Thin Film

## DIN Class “B” Elements in Economical 5-Packs

- ✓ DIN Class “B” Accuracy (for Less Critical Applications)
- ✓ Various Sizes Available
- ✓ Resistance Specifications Include 100, 500, and 1000 Ω at 0°C

OMEGA® thin film DIN Class “B” RTD elements have a resistance tolerance of  $100.00 \pm 0.12$ ,  $500.00 \pm 0.60$ , or  $1000.00 \pm 1.20$  at 0°C, and they meet the requirements of IEC60751. They are sold with 0.2 mm diameter by 10 mm long leads.

These elements can be used as is with controllers and instruments, or as part of a sensor assembly.



### OMEGAFILM® – Platinum RTD Elements (Alpha = 0.00385)

| Series   | Dimensions in millimeters<br>(1 mm = 0.03937") | Single or Dual | Nominal Resistance (Ω) | Temperature Range                                    | Model Number |
|----------|--|----------------|------------------------|--|--------------|
| <b>F</b> |  | 1              | x 100                  | ↑<br>-50<br>to<br>500°C<br>(-58<br>to<br>932°F)<br>↓ | 5RTD-F3101   |
|          |  | 1              | x 500                  |  | 5RTD-F3131   |
|          |  | 1              | x 1000                 |  | 5RTD-F3141   |
| <b>F</b> |  | 1              | x 100                  |  | 5RTD-F3102   |
|          |  | 1              | x 500                  |  | 5RTD-F3132   |
| <b>F</b> |  | 1              | x 1000                 |  | 5RTD-F3142   |
| <b>F</b> |  | 1              | x 100                  | 5RTD-F3105   |              |
|          |  | 1              | x 1000                 | 5RTD-F3145   |              |
| <b>F</b> |  | 1              | x 100                  | 5RTD-F3107   |              |

Ordering Example: 5RTD-F3105, five 2 mm x 2 mm platinum RTD elements,  $100.00 \pm 0.12$  Ω at 0°C.