

# Series 770 10 Meg Precision Divider



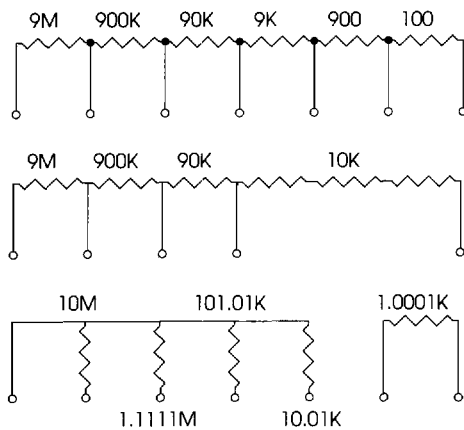
## Features

The High Impedance Precision Voltage Divider is offered for applications in the precision electronic measurement industry. The device provides high performance precision resistors in a compact convenient package. Tight ratio tolerance and ratio TCR are assured while requiring much less board space than matched discrete resistors.

## Product Capabilities

- Decade configuration: 9MΩ, 900KΩ, 90KΩ, 9KΩ, 900Ω, 100Ω
- Absolute tolerance: ± 0.1%
- Absolute TCR: ± 50 ppm/°C
- Ratio tolerance: ± 0.02%
- TCR tracking: ± 5 ppm/°C
- 1200 Volts Sustaining

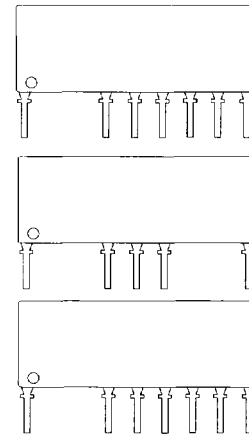
## Standard Configurations



777

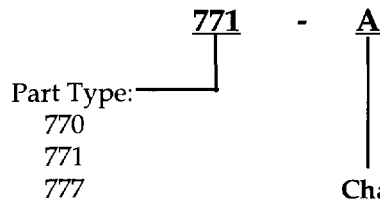
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## Ordering Information

Example: 771-A is a 771 style high impedance divider with an A type tolerance / TCR characteristic.

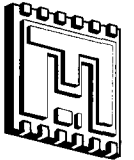


$$\text{Ratio} = \frac{R1 + \dots Rn}{R_{\text{Total}}}$$

### Characteristic:

	Abs Tol.	Ratio tol.	Abs TCR	TCR tracking
A	0.1%	0.02%	25 ppm/°C	5 ppm/°C
B	0.1%	0.03%	25 ppm/°C	5 ppm/°C
C	0.1%	0.05%	50 ppm/°C	10 ppm/°C
D	0.1%	0.1%	50 ppm/°C	10 ppm/°C
E	0.5%	0.1%	50 ppm/°C	10 ppm/°C
F	1.0%	0.5%	50 ppm/°C	10 ppm/°C

See Package Outline Drawings  
on page 36.



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