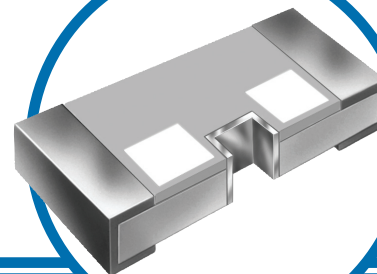


# Thin Film Surface Mount Attenuators

## PFC A1206 Attenuator Series

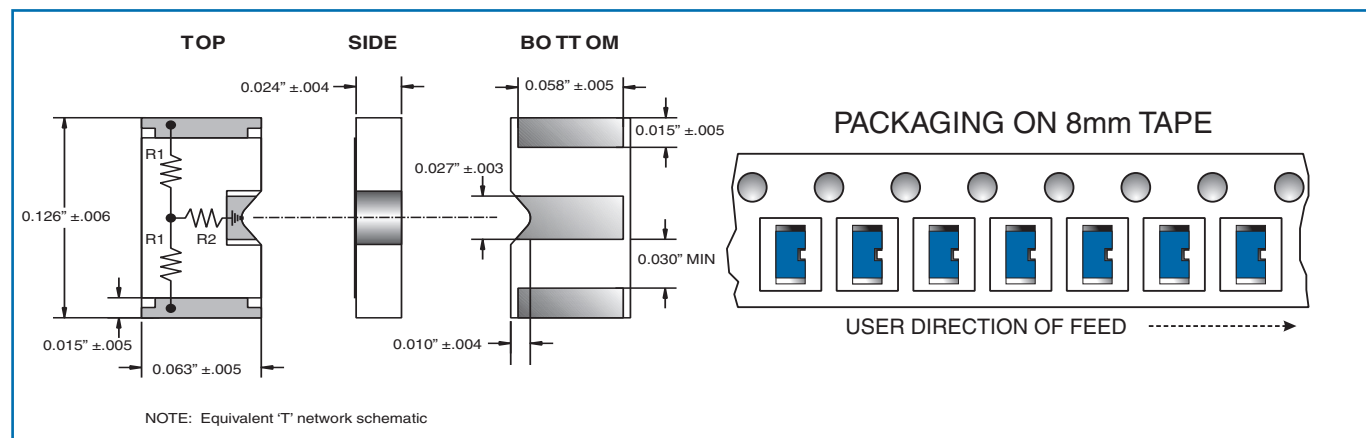
- Excellent high frequency characteristics
- Available in 50Ω and 75Ω impedances
- Ultra-reliable TaNFilm® element
- Absolute TCR  $\pm 100\text{ppm}/^\circ\text{C}$



## Electrical Data

| Attenuation | Impedance | Tolerance<br>(typical from 0 to 6GHz) | TCR<br>(ppm/°C) | Power  |
|-------------|-----------|---------------------------------------|-----------------|--------|
| 1dB         | 50Ω, 75Ω  | $\pm 0.3\text{dB}$                    | $\pm 100$       | 0.125W |
| 2dB         | 50Ω, 75Ω  | $\pm 0.3\text{dB}$                    | $\pm 100$       | 0.125W |
| 3dB         | 50Ω, 75Ω  | $\pm 0.3\text{dB}$                    | $\pm 100$       | 0.125W |
| 4dB         | 50Ω, 75Ω  | $\pm 0.5\text{dB}$                    | $\pm 100$       | 0.125W |
| 5dB         | 50Ω, 75Ω  | $\pm 0.5\text{dB}$                    | $\pm 100$       | 0.125W |
| 6dB         | 50Ω, 75Ω  | $\pm 1.0\text{dB}$                    | $\pm 100$       | 0.125W |
| 7dB         | 50Ω, 75Ω  | $\pm 1.0\text{dB}$                    | $\pm 100$       | 0.125W |
| 8dB         | 50Ω, 75Ω  | $\pm 1.0\text{dB}$                    | $\pm 100$       | 0.125W |
| 9dB         | 50Ω, 75Ω  | $\pm 1.0\text{dB}$                    | $\pm 100$       | 0.125W |
| 10dB        | 50Ω, 75Ω  | $\pm 1.0\text{dB}$                    | $\pm 100$       | 0.125W |
| 20dB        | 50Ω, 75Ω  | $\pm 2.0\text{dB}$                    | $\pm 100$       | 0.125W |

## Outline and Packaging Data

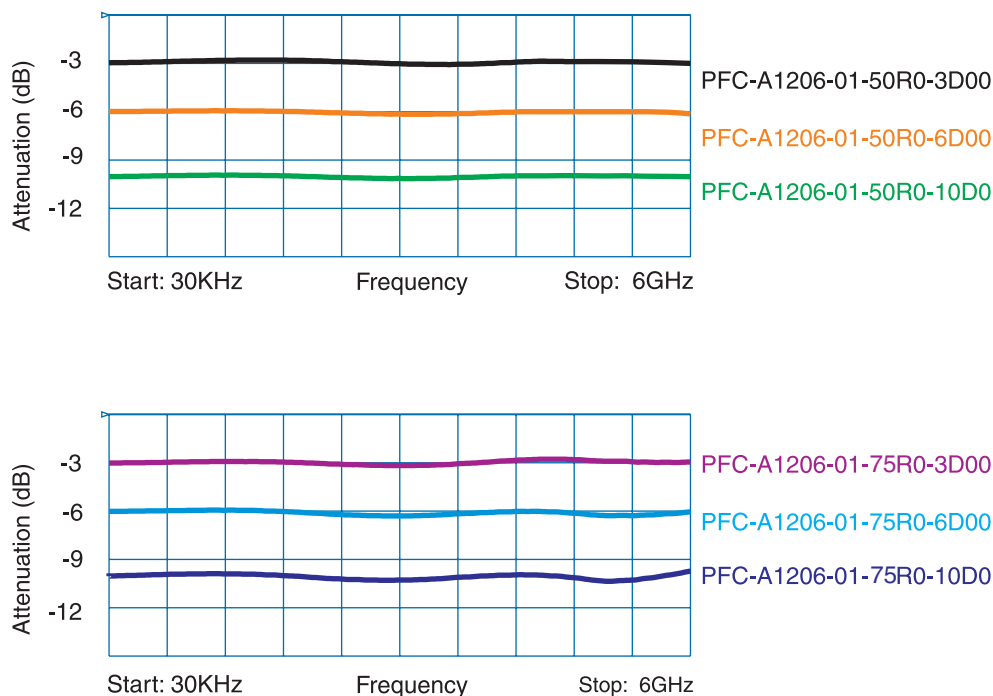


### General Note

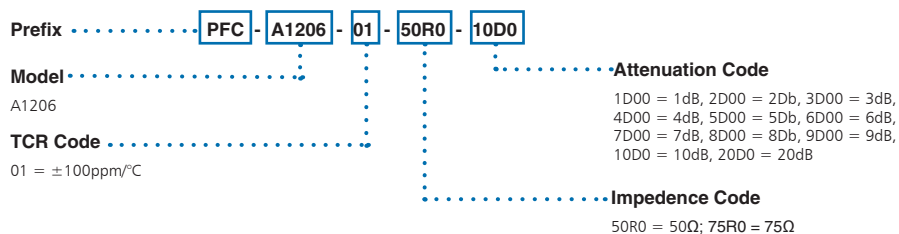
IRC reserves the right to make changes in product specification without notice or liability. All information is subject to IRC's own data and is considered accurate at time of going to print.

# Thin Film Surface Mount Attenuators

## Insertion Loss Data (S21)



## Ordering Data



For additional information or to discuss your specific requirements, please contact our Applications Team using the contact details below.

# Mouser Electronics

Authorized Distributor

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[A12060175R020D0TR](#) [A12060175R03D00TR](#) [A12060175R06D00TR](#)