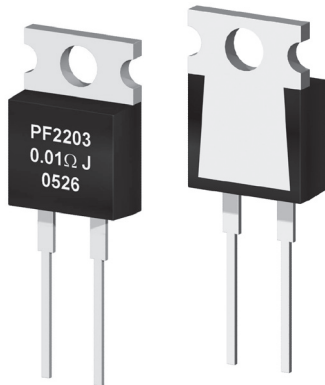
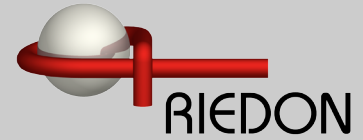


# PF2200 Series

TO-220 Power Thin Film Resistors



- TO-220 Housing
- Rated Power to 50 Watts
- Resistances from 0.02 to 51K Ohms
- High Stability Film Resistance Elements
- Resistance Tolerance to  $\pm 1\%$
- Low Inductance ( <50nH )
- Isolated Mounting Tab

## SPECIFICATIONS

Type	Power Rating		Thermal Resistance	Resistance Range <sup>3</sup>		Tolerances	Temperature Coefficients
	Heatsink <sup>1</sup>	Free Air <sup>2</sup>		Min	Max		
PF2205	50W	1W	2.3°C/W	0.02Ω	51KΩ	$\pm 1\%$ ( $R \geq 0.1\Omega$ ) $\pm 5\%$	$\pm 50\text{ppm}/^\circ\text{C}$ ( $R \geq 10\Omega$ ) $\pm 100\text{ppm}/^\circ\text{C}$ ( $0.1\Omega \leq R < 10\Omega$ ) $\pm 250\text{ppm}/^\circ\text{C}$ ( $R < 0.1\Omega$ )
PF2203	35W	1W	3.3°C/W	0.02Ω	51KΩ	$\pm 1\%$ ( $R \geq 0.1\Omega$ ) $\pm 5\%$	$\pm 50\text{ppm}/^\circ\text{C}$ ( $R \geq 10\Omega$ ) $\pm 100\text{ppm}/^\circ\text{C}$ ( $0.1\Omega \leq R < 10\Omega$ ) $\pm 250\text{ppm}/^\circ\text{C}$ ( $R < 0.1\Omega$ )
PF2202	20W	1W	5.9°C/W	0.02Ω	220Ω	$\pm 1\%$ ( $R \geq 0.1\Omega$ ) $\pm 5\%$	$\pm 50\text{ppm}/^\circ\text{C}$ ( $R \geq 10\Omega$ ) $\pm 100\text{ppm}/^\circ\text{C}$ ( $0.1\Omega \leq R < 10\Omega$ ) $\pm 250\text{ppm}/^\circ\text{C}$ ( $R < 0.1\Omega$ )
	10W	1W		220Ω	51KΩ	$\pm 1\%$ , $\pm 5\%$	$\pm 50\text{ppm}/^\circ\text{C}$

<sup>1</sup> Power rating based on 25°C Flange Temperature  
<sup>2</sup> Power rating based on 25°C Ambient Temperature  
<sup>3</sup> Consult Factory for Higher or Lower Values

## Ordering Information

Part Number - Resistance - Tolerance - TCR  
Example: PF2203 0.5 Ohm 1% 100ppm



