

PFR/GFR series, Thick Film chip resistors



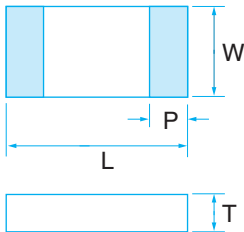
A temperature coefficient of resistance of $\pm 100\text{ppm}/^\circ\text{C}$ has been achieved for resistance value greater than $1\text{M}\ \Omega$.
High reliability is maintained: the electrode construction is the same as our thin film chip resistors.

NEW PFR03 series with ultra small size chip resistor.



SPECIFICATIONS

Mechanical



Dimension (mm)	PFR03 NEW	PFR05,GFR05
L	0.60 ± 0.03	1.00 ± 0.05
W	0.30 ± 0.03	0.50 ± 0.05
P	0.12 ± 0.05	0.20 ± 0.10
T	0.23 ± 0.03	0.35 ± 0.05

Electrical

Type	PFR03 NEW					Jumper	PFR05			GFR05	
	1/20W						1/16W			Jumper	1/16W
Resistance Tolerance (code)	$\pm 1\%$ (F)	$\pm 5\%$ (J)	$\pm 2\%$ (G) $\pm 5\%$ (J)	—	—	—	$\pm 0.5\%$ (D) $\pm 1\%$ (F)	$\pm 1\%$ (F)	—	$\pm 1\%$ (F) $\pm 5\%$ (J)	
Resistance Range(Ω)	10~91	100~1M	3.0~9.1	10~91	100~10M	50m or less	10~97.6	100~1M	1.02M~10M	50m or less	10~10M
Temperature Coefficient of Resistance ppm $^\circ\text{C}$ (code)	± 300 (S)	± 200 (S)	+600~ -200(S)	± 300 (S)	± 200 (S)	—	± 100 (R)	± 50 (Q)	± 100 (R)	—	± 200 (S)
Resistance Value	E-24/E-96		E-24			—	E-24/E-96			—	E-24/E-96
Maximum Operating Voltage	25V					1A	50V			—	50V
Package	15,000pcs/reel or 10,000pcs/reel					10,000pcs/reel			10,000pcs/reel		

· Please contact us for values lower in resistance than the $10\ \Omega$ GFR05 series.



PART NUMBER

PFR05 R - 102 - D - 2

