

PFR/GFR series, Thick Film chip resistors



A temperature coefficient of resistance of $\pm 100 ppm/^{\circ}C$ has been achieved for resistance value greater than 1M $\Omega.$

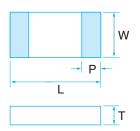
High reliability is maintained: the electrode construction is the same as our thin film chip resistors.

NEW PFR03 series with ultra small size chip resistor.



SPECIFICATIONS

Mechanical



Dimension (mm)	PFR03	PFR05,GFR05
L	$0.60 \!\pm\! 0.03$	1.00±0.05
W	$0.30 \!\pm\! 0.03$	0.50 ± 0.05
Р	0.12±0.05	0.20±0.10
Т	0.23±0.03	0.35±0.05

Electrical

Туре	PFR03 NEW					PFR05			GFR05		
Power	1/20W				Jumper	1/16W			Jumper	1/16W	
Resistance Tolerance (code)	±1%(F)		±5%(J)	±2%(G)±5%(J)		_	±0.5%(D) ±1%(F)		±1%(F)	_	±1%(F) ±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 °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		

 $[\]cdot$ Please contact us for values lower in resistance than the 10 Ω GFR05 series.



PART NUMBER

