

Power Metal film resistors  
Flame retardant

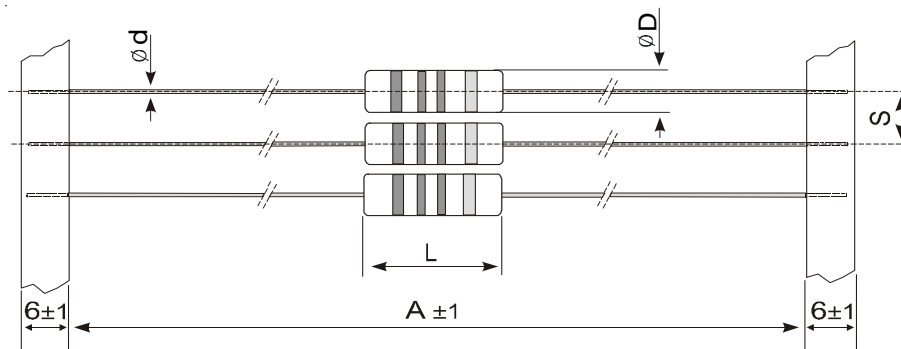


## Specifications

Type		PF0207	PF0410	PF0516
Style		0207	0410	0516
Power rating $P_{70}$	W	1	2	3
Resistance range	W		0R1 ..... 10M ( 1% tol. from 1R )	
E-Series			E 24 ; E 96	
Tolerances	%		5% ; 1%	
Temperature coefficient	$10^{-6} * K^{-1}$		$\pm 100$ ( $\pm 50$ for tol.1% on request )	
max. cont. work. voltage	$V_{RMS}$	350	500	750
Insulation voltage (1min.)	$V_{RMS}$	500	500	750
Insulation resistance	W		$> 10^4$	
Derating Linear	$^{\circ}C$		linear 70 ... 200 / 230 / 240 (0W)	
Climatic category			55/200/56	
Temperature range	$^{\circ}C$	- 55 ... 200	- 55 ... 230	- 55 ... 240
Thermal resistance	$KW^{-1}$	130	80	55
Failure rate (Total, $J_0$ max., 60% conf. lev.)	$10^{-9} h^{-1}$		$< 1$	
Endurance ( $P_{70}$ , @ 70 $^{\circ}C$ , 1000h interm.)	$\left[\frac{DR}{R}\right] \%$		$\pm 2$	
Damp heat, steady state (40 $^{\circ}C$ , 93% r.h., 56d)	$\left[\frac{DR}{R}\right] \%$		$\pm 2$	
Climatic sequence	$\left[\frac{DR}{R}\right] \%$		$\pm 2$	
Terminal strength	$\left[\frac{DR}{R}\right] \%$		$\pm 0,2$	
Terminal tensile strength	N		30	
Resistance to soldering heat (350 $^{\circ}C$ , 3s)	$\left[\frac{DR}{R}\right] \%$		$\pm 0,25 + R05$	
Solderability	s	2,5 Flowtime, solderglobule test, IEC 60068-2-20-T		
Marking		Colour code: 4 bands ( 1% tol.: 5 bands )		

Revision 200901

Dimensions in mm:



Type	L	$\varnothing D$	$\varnothing d$	A	S
PF0207	$6,3 \pm 0,5$	$2,4 \pm 0,2$	0,6	52,4	5
PF0410	$9,0 \pm 0,5$	$3,9 \pm 0,3$	0,6	52,4	5
PF0516	$15,5 \pm 1,0$	$5,0 \pm 0,5$	0,8	73,0	10

Packaging:

Type	Packaging	Packing style *	Pieces
PF0207	Ammopack	T	5000
PF0410	Ammopack	T	1000
PF0516	Ammopack	T	1000

\* Taped on reel on request

Ordering example: PF0207                      5                      T                      15R  
 Type    Tolerance                      Pack.-Code                      R-Value