

Specification

Type		BW234-0	BW235-0
Style		0411	0614
Power rating P_{70}	W	0,75 ($P_{50} = 1,0$)	1,5 ($P_{25} = 2,0$)
Resistance range	Ω	0R1 ... 1K2	0R1 ... 2K4
E-series		E 24, E 12	
Tolerance	%	$\pm 5, \pm 10$	
Temperature coefficient	$10^{-6} * K^{-1}$	see table page 2	
max. cont. working voltage	V_{RMS}	$\sqrt{P_{70} \cdot R}$	
Insulation voltage (1min.)	V_{RMS}	700	1000
Insulation resistance	Ω	$> 10^4 M$	
Derating linear	$^{\circ}C$	70 ... 175 (0W)	
Climatic category		55/175/56	
Temperature range	$^{\circ}C$	- 55 ... 175	
Thermal resistance	KW^{-1}	140	80
Failure rate (Total, ϑ_0 max., 60% conf. lev.)	$10^{-9} * h^{-1}$	appr. 100, depends on value	
Endurance (P_{70} , 70 $^{\circ}C$, 1000h)	$\left[\frac{\Delta R}{R} \right] \%$	$\pm 5,0$ average	
Damp heat, steady state (40 $^{\circ}C$, 93% r. h., 56d)	$\left[\frac{\Delta R}{R} \right] \%$	$\pm 2,0$	
Climatic sequence	$\left[\frac{\Delta R}{R} \right] \%$	$\pm 2,0$	

Series BW

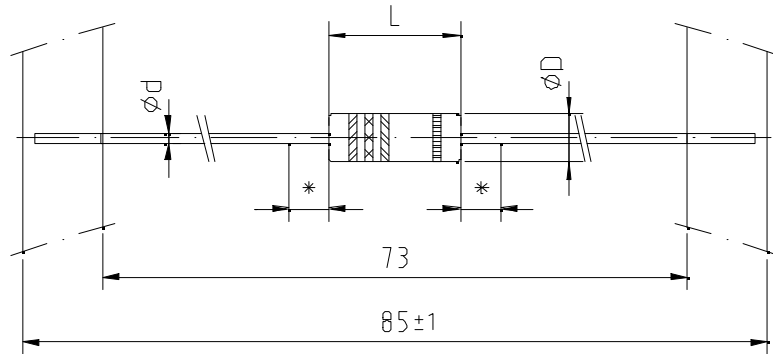
Insulated Wirewound Resistors, moulded

Type		BW234-0	BW235-0
Resistance to soldering heat (260°C, 10s)	$\left[\frac{\Delta R}{R} \right] \%$	$\pm 0,2$ typ.	
Solderability	s	2,5 Flowtime, solderglobule test IEC 60068-2-20-T	
Terminal strength	$\left[\frac{\Delta R}{R} \right] \%$	± 1	
Terminal tensile strength	N	40	
Marking		DIN-IEC-colour code, 4 bands	

temperature coefficient

Type	resistance Value	TC *10 ⁻⁶ K ⁻¹
BW234-0	R10 ... R15	± 600
	R16 ... R62	± 300
	R68 ... 1K2	± 150
BW235-0	R10 ... R16	± 1000
	R18 ... R68	± 800
	R75 ... 2K4	± 400

Dimensions in mm:



* 3mm, in diesem Bereich eingeschränkte Lötbarkeit
3mm, reduced solderability in this area

Type	$L \pm 0,2$	$\varnothing D \pm 0,2$	$\varnothing d \pm 0,02$	Tape step
BW234-0	9,9	3,6	0,8	5
BW235-0	14,3	5,7	1,0	10

Packaging:

Type	Packaging	Pieces	Pack.-Code
BW234-0	taped/Ammopack	1000	T
BW235-0	taped/Ammopack	1000	T

Ordering example: BW 234-0 5 T 1K
Type Tolerance Pack.-Code Value