

Specification

Type		350-009	351-009 351-010	352-009 352-010 352-011
Power rating P_{70}	W	0,5	1,0	1,5
Resistance range	Ω	R003 ... R051	R004 ... R068	R006 ... R10
E-series			E 24 $\geq$ R010	
Tolerances	%		$\pm 1, \pm 3, \pm 5$	
Temperature coefficient	$10^{-6} * K^{-1}$		+ 200 ... + 1200	
max. cont. working voltage	V_{RMS}		for all styles	
Insulation voltage (1min.)	V_{RMS}	$\sqrt{P_{70} \cdot R}$	non insulated	
Insulation resistance	Ω		non insulated	
Derating, linear	$^{\circ}C$		70 ... 300 (0W)	
Climatic category			55/200/56	
Temperature range	$^{\circ}C$		- 55 ... 300	
Thermal resistance	KW^{-1}	200	100	70
Failure rate (Total, ϑ_0 max., 60% conf. lev.)	$10^{-9} * h^{-1}$		ca. 10, depends on value	
Endurance (P_{70} , 70 $^{\circ}C$, 1000h)	$\left[\frac{\Delta R}{R} \right] \%$		$\pm 3,0$	
Damp heat, steady state (40 $^{\circ}C$, 93% r.h., 56d)	$\left[\frac{\Delta R}{R} \right] \%$		$\pm 0,5$	
Climatic sequence	$\left[\frac{\Delta R}{R} \right] \%$		$\pm 0,5$	
Terminal strength	$\left[\frac{\Delta R}{R} \right] \%$		$\pm 0,5$	

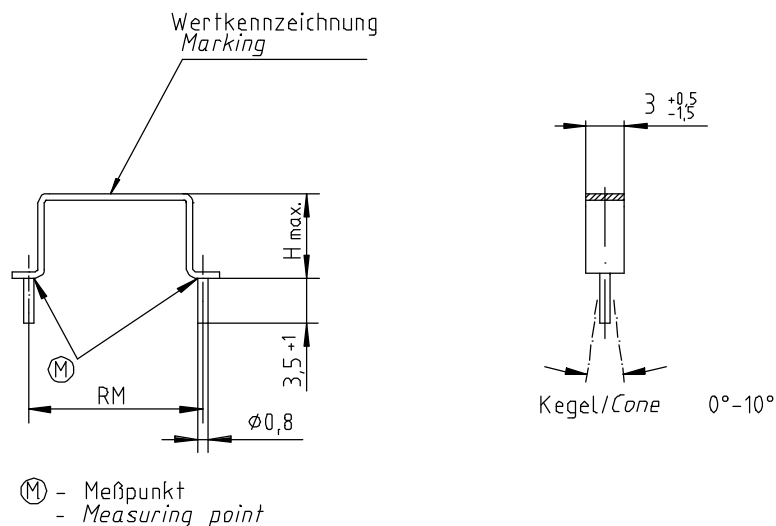
Series KN

Low Ohmic Power resistors



Type		350-009	351-009 351-010	352-009 352-010 352-011
Terminal tensile strength	N	30		
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		
Marking		Value imprinted		

Dimension in mm:



Type	RM	Hmax.
350-009 351-009 352-009	10	6,5 10,5 17,0
351-010 352-010	15	8 14,5
352-011	20	12

Construction: The resistive elements consist of a flat metal-band. Spotwelded Cu-terminals ensure high stability of contacts. Thus, this construction results in a noninductive resistor of both high stability and overload capacity.

Series KN

Low Ohmic Power resistors



Packaging:

Type	Packaging	Pieces	Pack.-Code
350-009	bulk	200pcs.	Al
351-009 351-010	bulk	200pcs.	Al
352-010 352-011	bulk	200St.	Al

Ordering example:

351-009
Type

R033
Value

1%
Tolerance

Al
Pack.-Code