

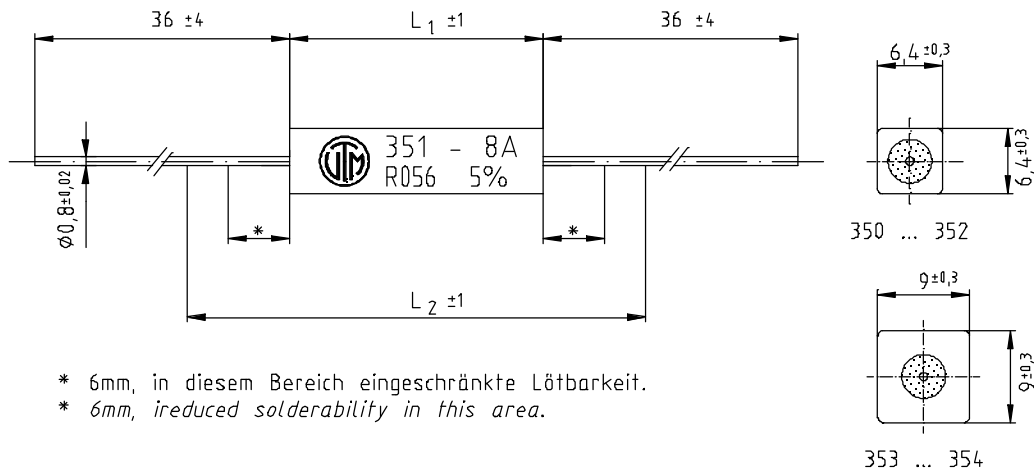
Specification

Type		350-8	351-8	352-8	353-8	354-8
Style		7718	7725	7738	9925	9938
Power rating P_{70}	W	4	5	7	7	9
Resistance range	Ω	R003 ... R051	R004 ... R068	R006 ... R10	R004 ... R068	R006 ... R10
E-series		E 24 > R010	E 24 > R010	E 24 > R010	E 24 > R010	E 24 > R010
Tolerance	%	$\pm 1, \pm 3, \pm 5$				
Temperature coefficient	$10^{-6} * K^{-1}$	+ 200 ... + 1200 depends on value				
max. cont. working voltage	V_{RMS}	$\sqrt{P_{70} \cdot R}$ for all styles				
Insulation voltage (1min.)	V_{RMS}	2000				
Insulation resistance	Ω	$> 10^4 M$				
Derating	$^{\circ}C$	linear 70 ... 250 (0W)				
Climatic category		55/200/56				
Temperature range	$^{\circ}C$	- 55 ... 250				
Thermal resistance	KW^{-1}	65	50	38	35	30
Failure rate (Total, ϑ_0 max., 60% conf. lev.)	$10^{-9} * h^{-1}$	appr. 10, depends on value				
Endurance (P_{70} , @ 70 $^{\circ}C$, 1000h, interm.)	$\left[\frac{\Delta R}{R} \right] \%$	$\pm 3,0$ average				
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	$\left[\frac{\Delta R}{R} \right] \%$	$\pm 0,5$				

Low Ohmic Power Resistors
low inductance, Ceramic Case

Type		350-8	351-8	352-8	353-8	354-8
Terminal tensile strength	N	50				
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 60068-2-20T				
Marking		Printed in clear				

Dimensions in mm:



	350-8	351-8	352-8	353-8	354-8
L_1	18	25	38	25	38
L_2	40	45	60	45	60

Measuring Length L_2 : Resistance value is measured over the centered length L_2 , on terminals free of oxide and contaminations. Differing conditions require adequate corrections ($R_{\text{terminal}} = 0,4\text{m}\Omega/\text{cm}$).

Series KN

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Packaging:

Type	Packaging	Pieces	Pack.-Code
350-8	bulk	200	AA
351-8,352-8	bulk	200	AB
353-8	bulk	200	AE
354-8	bulk	200	AL

Ordering example:

350-8	R015	5%	AA
Type	Value	Tolerance	Pack.-Code