

KNC Series Datasheet

PERFORMANCE DATA

Type		KNC500	KNC600	KNC800	KNC900	KNC10A
Historical Part Number		KN350 - 8	KN351 - 8	KN352 - 8	KN353 - 8	KN354 - 8
Derating Linear	[°C]	70...250 (0W)				
Climatic Category		55/200/56				
Failure Rate <i>(Total, θ_{θ}, max, 60[%] cont. lev.)</i>	[10 ⁻⁹ h ⁻¹]	appr. 10 depends on value				
Endurance <i>IEC60115-1 clause 4.25 (P_{70%} @ 70[°C], 1000[h])</i>	±[%]	3				
Damp Heat, Steady State <i>IEC60115-1 clause 4.24 (40[°C], 93[% r.h.], 56[d])</i>	±[%]	0,5				
Climatic Sequence <i>IEC60115-1 clause 4.23</i>	±[%]	0,5				
Resistance to Soldering Heat <i>IEC60115-1 clause 4.18 (260^{±5}[°C], 3,5^{±1}[s])</i>	±[%]	0,2				
Terminal Strength	±[%]	0,5				
Terminal Tensile Strength	[N]	≥ 25				
Solderability <i>IEC60068-2-20 (245^{±5}[°C] 3^{±0,5}[s])</i>		Solder bath method (> 95% coverage)				
Marking <i>IEC60062</i>		Printed in clear				

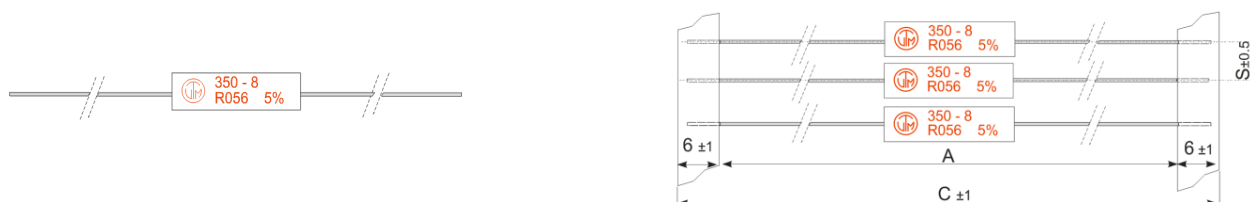
ELECTRICAL CHARACTERISTICS

Nominal Power Rating [W]			
New P/Nr. Type	Historical P/Nr:	Resistance Value	Rated Power [W] P _{70°C}
KNC450	KN350 - 8	OR003	4,5
KNC500		OR004 ... OR051	5,0
KNC600	KN351- 8	OR004 ... OR068	6,0
KNC800	KN352 - 8	OR005 ... OR1	8,0
KNC900	KN353 - 8	OR004 ... OR068	9,0
KNC10A	KN354 - 8	OR005 ... OR1	10,0

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PACKAGING

The standard packaging for KNC in axial type is bulk, dimensions below.



ALTERNATIVE LEAD CONFIGURATIONS

This type KNC is also available in a different pre-forming, as shown below, other's upon request.

New P/Nr. Type	Historical P/N:	Pack Code	Pieces	Forming Type
KNC500	KN350- 8	B = Bulk	200	AX- = Axial
KNC600	KN351- 8		200	
KNC800	KN352 - 8		200	
KNC900	KN353 - 8		200	
KNC10A	KN354 - 8		100	

New P/Nr. Type	Historical P/N:	Pack Code	Pieces	Forming Type (Inner Taping dim.)	A	C	S
KNC500	KN350- 8	R = Taped in Reel	1000	73- or 83-	73	85	10
KNC600	KN351- 8		1000		83	95	10
KNC800	KN352 - 8		1000		83	95	10
KNC900	KN353 - 8		500		83	95	10
KNC10A	KN354 - 8		500		83	95	10

THROUGH HOLE VERSION

Axial Goal Post (AG-)	Axial Goal Post Kink (AK-)	Radial (RD-)	Radial 2 Kink (RK-)

For horizontal and vertical pre-forming please consult your local sales contact.