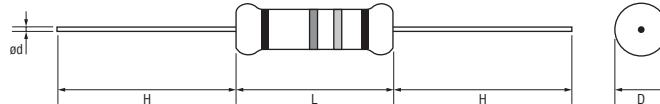


## Features:

- Colour coating is “Green”
- Excellent flame resistance



Standard: 2%, 5%, 10% – E-24 series  
1% – E-96 series



Part No.	Style	Power rating at 70°C	Dimensions (mm)					Low resistance range	Standard resistance range	High resistance range
			D ±1	L ±1	H±3	d±0.05	PT			
KNP037S	KNP 700-S	7W	8.5	25.0	38	0.705	B/B	0.50Ω ~ 9.9Ω	10Ω ~ 470Ω	471Ω ~ 5KΩ

Notes: For KNP Series

Max. working voltage: 500V  
 Max. overload voltage: 1000V  
 Dielectric withstanding voltage:  $\leq 3.5 \times 10$  : 350V  
 $> 3.5 \times 10$  : 500V

## Performance specification:

Temperature coefficient:  $< 20\Omega$ :  $\pm 400\text{PPM}/^\circ\text{C}$ ;  $\geq 20\Omega$ :  $\pm 300\text{PPM}/^\circ\text{C}$   
 Short time overload:  $\pm(2.0\% + 0.05\Omega)$  max. with no evidence of mechanical damage.  
 Dielectric withstanding voltage: No evidence of flashover, mechanical damage, arcing or insulation breakdown.  
 Pulse overload:  $\pm(5.0\% + 0.05\Omega)$  max. with no evidence of mechanical damage.  
 Terminal strength: No evidence of mechanical damage.  
 Resistance to soldering heat:  $\pm(1.0\% + 0.05\Omega)$  max. with no evidence of mechanical damage.  
 Solderability: Min. 95% coverage.  
 Temperature cycling:  $\pm(2.0\% + 0.05\Omega)$  max. with no evidence of mechanical damage.  
 Load life in humidity:  $\pm(5.0\% + 0.05\Omega)$  max. with no evidence of mechanical damage.  
 Load life:  $\pm(5.0\% + 0.05\Omega)$  max. with no evidence of mechanical damage.  
 Non-flame: No evidence of flaming or arcing.  
 Surge immunity (IEC 61000-4-5):  $\pm(5.0\% + 0.05\Omega)$  max.