

High Frequency Thermistor

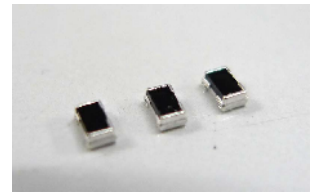
HFT Series



YOKOHAMA DENSHI SEIKO Co., Ltd.



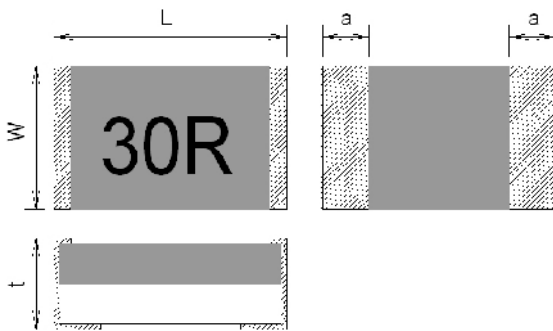
Thermistor activating over 10GHz
Maintains stable resistance and thermostatic characteristic
to HF area
RoHS compliance



<Specification>

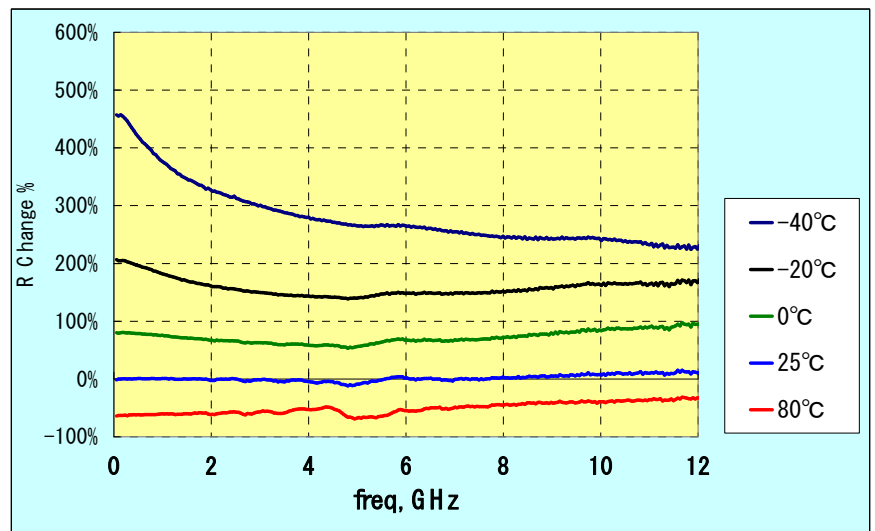
Type	R25	R25tolerance	Bconstant(DC R25~R50)	Operating Freq. Range	Power Max	Operating Temp. Range
HFT1220-15R0-J	15 Ω	±5%	1950 ± 5%	DC ~ 10GHz	500mW	-40°C ~ +125°C
HFT1220-30R0-J	30 Ω					
HFT1220-40R0-J	40 Ω		2150 ± 5%			
HFT1220-50R0-J	50 Ω					
HFT1220-60R0-J	60 Ω					

<Dimensions>



	Size(mm)
L	2.07 ± 0.2
W	1.25 ± 0.2
a	0.47 ± 0.2
t	0.9 MAX

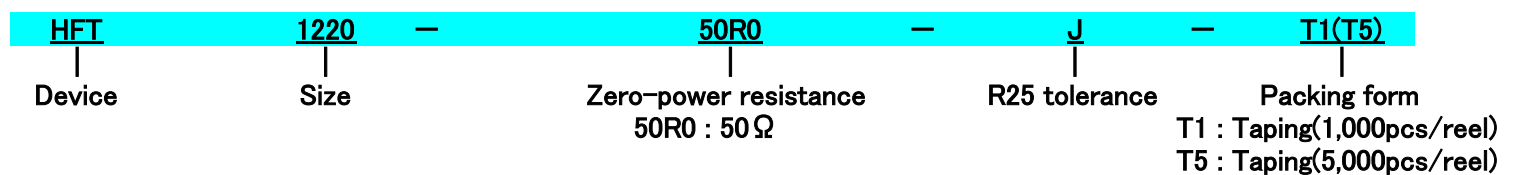
<Frequency:Thermostatic characteristic>



<Features>

- Resistance remain nearly unaffected by increase of frequency with HFT series. (In case of regular thermistor, reduction of resistance is observed with increase of frequency) Usable in high-frequency band (~10GHz).
- Wrap-around terminals (tinned surface) same as regular chip components offer easy mounting and high reliability.
- Highly reliable package sustaining thermistor with firm ceramic has been adopted, so that firm structure has been realized against environmental influence and physical impact.
- RoHS compliance. Perfect lead-free has been fulfilled although it is difficult with a thermistor.

<Part Number>



Yokohama Denshi Seiko Co., Ltd.
 web: www.yds.co.jp mail: info@yds.co.jp

ISO9001:2000 CERTIFIED