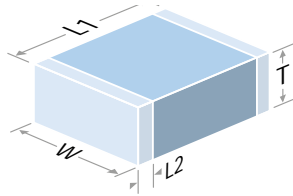


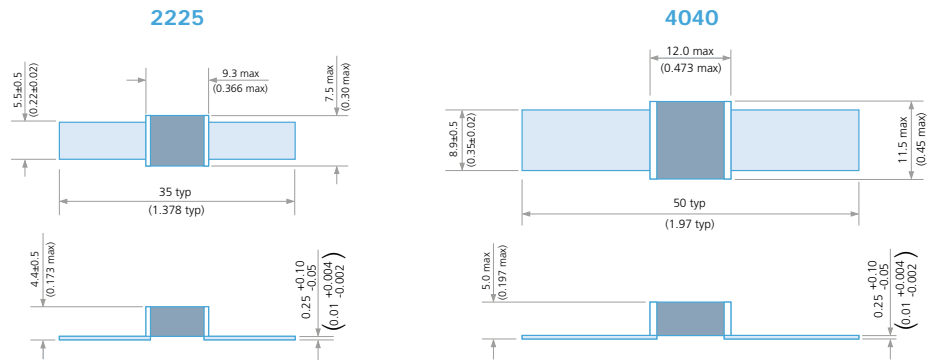
# High Q Capacitors, High Power RF - Surface Mount & Ribbon Leded

## Surface Mount



Plating finish:  
Tin over Ni.

## Ribbon Leded Silver plated copper ribbon attached with HMP solder - (MP greater than 260°C)



## Range dimensions - Surface Mount High Power RF capacitors

Chip size	Length (L1) mm/inches	Width (W) mm/inches	Max. Thickness (T) mm/inches	Termination Band L2 mm/inches	
				min	max
2225	5.7 ± 0.04 0.225 ± 0.016	6.3 ± 0.4 0.25 ± 0.016	4.2 0.16	0.25 0.01	1.0 0.04
4040	10.2 ± 0.5 0.402 ± 0.020	10.2 ± 0.5 0.402 ± 0.020	4.2 0.16	0.5 0.02	1.5 0.06

## Ordering information - Surface Mount High Power RF capacitors

4040	J	7K0	0470	J	Q	B	AF7
Chip size	Termination	Voltage	Capacitance in picofarads (pF)	Capacitance tolerance	Dielectric	Packing	Variant Code
2225 4040	J = Nickel barrier (100% matte tin plating). RoHS compliant. Lead free.	200 = 200V 500 = 500V 630 = 630V 1K0 = 1kV 2K0 = 2kV 3K0 = 3kV 4K0 = 4kV 5K0 = 5kV 6K0 = 6kV 7K0 = 7kV/ 7.2kV	<10pF Insert a P for the decimal point, eg 2P20 = 2.2pF. >10pF. 1st digit is 0. 2nd and 3rd digits are significant figures of capacitance code. The 4th digit is number of 0's following eg. 0470 = 47pF 0512 = 5100pF	<10pF B = ±0.10pF C = ±0.25pF D = ±0.50pF ≥10pF G = ±2% J = ±5% K = ±10% M = ±20%	Q = High Q version of COG/NPO	B = Bulk packed	AF7 = Standard Variant for High Power applications

## Ordering information - Ribbon Leded High Power RF capacitors

4040	B	7K0	0470	G	Q	B	Lead options	Variant code
Chip size	Coating	Voltage	Capacitance in picofarads (pF)	Capacitance tolerance	Dielectric	Packing	R	W001
2225 4040	B = Uncoated V = Coated with modified silicone lacquer	200 = 200V 500 = 500V 630 = 630V 1K0 = 1kV 2K0 = 2kV 3K0 = 3kV 4K0 = 4kV 5K0 = 5kV 6K0 = 6kV 7K0 = 7kV/ 7.2kV	<10pF Insert a P for the decimal point, eg 2P20 = 2.2pF. >10pF. 1st digit is 0. 2nd and 3rd digits are significant figures of capacitance code. The 4th digit is number of 0's following eg. 0470 = 47pF 0512 = 5100pF	<10pF B = ±0.10pF C = ±0.25pF D = ±0.50pF ≥10pF G = ±2% J = ±5% K = ±10% M = ±20%	Q = High Q version of COG/NPO	B = Bulk packed	R = Ribbon Leded	W001 = Standard Variant W**1 = Marked