



UBC (550/560 SERIES)

ULTRA BROADBAND CAPACITORS



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BASIC OVERVIEW

The KYOCERA AVX Ultra-Broadband Capacitor is manufactured with highest quality materials to provide reliable and repeatable ultra-broadband performance from 16kHz through 110+GHz. It exhibits ultra-low insertion loss, flat frequency response and excellent return loss. It is ideal for D.C. Blocking, Coupling, Bypassing and Feedback applications requiring ultra-broadband performance.

ADVANTAGES

- Ultra-Broadband Performance
- Ultra-Low Insertion Loss
- Flat Frequency Performance
- High Repeatability
- Rugged One-Piece Construction
- S2P files up to 110GHz

TOP SELLING POINTS & FEATURES

Sizes: 01005 - 0402
Capacitance: 1-220nF
Working Voltage: Up to 100V
Operating Temperature: -55°C to +125°C
Broadband performance up to 110GHz+

TYPICAL APPLICATIONS

- Optoelectronics
- Analog Front End
- Digital Front End
- RF Sampling
- RF Network Control
- Broadband Test Equipment

AVAILABLE PART NUMBERS

550 Series

Series	Size	Max Freq. for IL < 1dB	TCC	WVDC	Cap
550W103	01005	110 GHz*	X6S	25V (105°C)	10nF
550W104	01005	110 GHz*	X6S	4V (105°C)	100nF
550Z104	0201	110 GHz*	X6S	16V (105°C)	100nF
550Z224	0201	90 GHz	X6S	10V (105°C)	220nF
550Z103	0201	100 GHz	X7S	6.3V (125°C)	10nF
550L104	0402	70GHz*	X7S	16V (125°C)	100nF

*Highest frequency tested

560 Series

Series	Size	Max Freq. for IL < 1dB	TCC	WVDC	Cap
560W103	01005	55 GHz	X6S	25V (105°C)	10nF
560W104	01005	70 GHz*	X6S	4V (105°C)	100nF
560Z104	0201	70 GHz*	X6S	16V (105°C)	100nF
560Z224	0201	70 GHz*	X6S	10V (105°C)	220nF
560L104	0402	70 GHz*	X7S	16V (125°C)	100nF
560L473	0402	70 GHz*	X7S	25V (125°C)	47nF
560L223	0402	70 GHz*	X7R	25V (125°C)	22nF
560L103	0402	70 GHz*	X7R	50V (125°C)	10nF
560L102	0402	70 GHz*	X7R	100V (125°C)	1nF

NEW!
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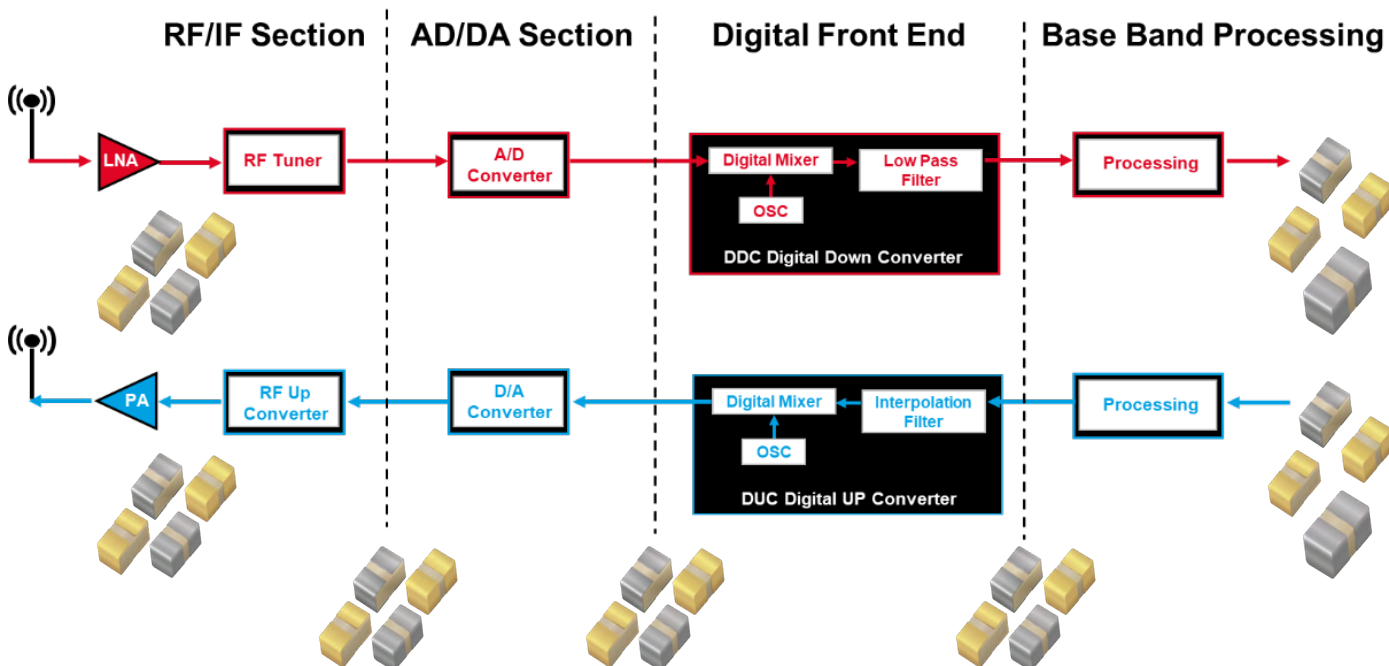
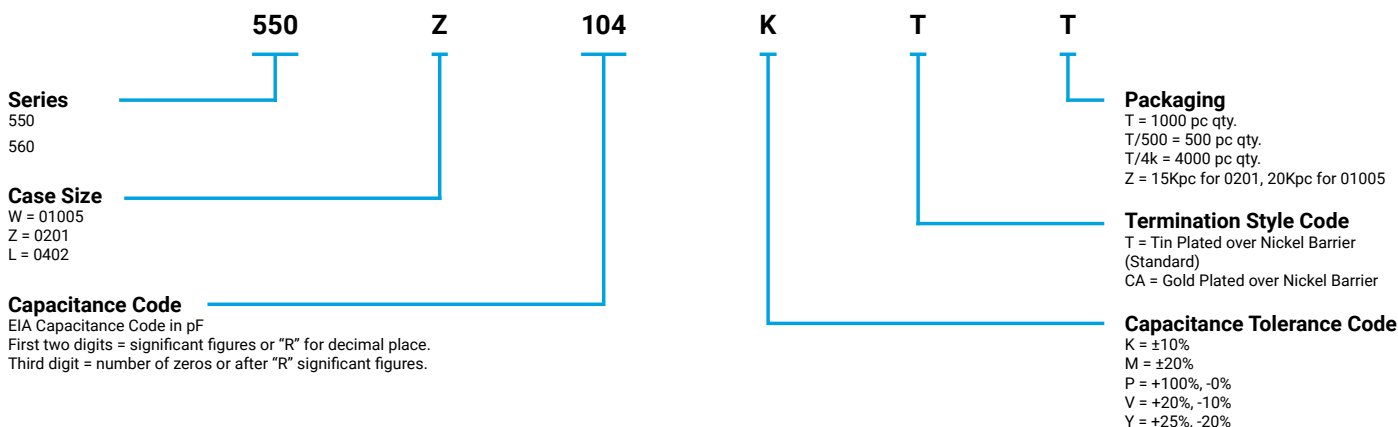
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HOW TO ORDER



NORTH AMERICA

Mohammed Abu-Naim
Product Marketing Manager

Email: mohammed.abu-naim@kyocera-avx.com

EUROPE

Houda Rais
Product Marketing Manager

Email: houda.rais@kyocera-avx.com

ASIA

Dennis Hu
Product Marketing Manager

Email: qiangqiang_hu@kyocera.com.cn

