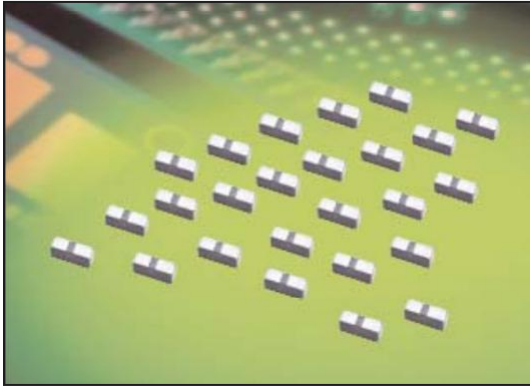


0301 Ultra Broadband Capacitor GXOS



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Basic Overview

GXOS capacitors were developed to address DC blocking from 16kHz to 40GHz and were designed specifically for mounting on strip lines with widths less than 20mils. Most applications will experience resonance free insertion loss of <0.5dB through at least 40GHz.

Positioning

The GXOS series was developed specifically to address DC decoupling issues from 16kHz to 40GHz in applications requiring high performance ceramic capacitors with low insertion loss to 40GHz.

Applications

- Semiconductor Data Communications
- Optical Sub-Assemblies
- Transimpedance Amplifiers
- Broadband DC Decoupling

Top Selling Points

- Ultra Low Insertion Loss to 40GHz
- X7R Temperature Characteristics

Unique Features

0301 Size
Low insertion loss to 40GHz (<0.5dB)

0301 Ultra Broadband Capacitor GXOS



How to Order

GX	OS	6D	104	M	A	T	D
Style	Case Size Special	Voltage/Dielectric 6D = 6.3VDC/X5R 4.0VDC/125°C (See Fig. 1)	Capacitance 104 = 0.1µF EIA Cap Code in pF	Tolerance M = ±20%	Failure Rate A = Std	Termination T = Ni-Sn (Standard) 7 = Ni-Au	Packaging D = 4000 pcs, 3" T&R D-500 = 500 pcs, 3" T&R D-1000 = 1000 pcs, 3" T&R

Series Cross Reference

FAQ's

AVX Series	Competitor	Competitor Series
GX0S	None	None

Q: What is the temperature coefficient of GX0S series capacitors?
A: X5R

Q: What is the Capacitance Range?
A: 0.1µF is the only capacitance value offered.

Q: What is the voltage rating?
A: 6.3VDC, 4VDC

Q: What terminations are available?
A: Ni-Sn or Ni-Au

Q: RoHS compliant?
A: Yes

Contact Information

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