

# New Product Announcement!

Ceramic Resonator

## Bandpass Filter

ZX75BP-942+

50Ω

875 to 1010 MHz

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data sheet

### The Big Deal

- Low Insertion Loss, 1.1 dB
- Excellent Rejection  
750 MHz, 1160 MHz, 30 dB  
690 MHz, 1250 MHz, 49 dB
- Rejection band extends to 7 GHz



CASE STYLE: HY1238

Pricing: **\$59.95** (QTY 1-9)

### Product Overview

The Mini-Circuits ZX75BP-942+ ceramic coaxial resonator based filter offers outstanding close-in rejection in the GSM bands. Built using Mini-Circuits proven unibody construction which integrates the RF connectors with the case body, the ZX75BP-942+ takes very little space, and includes a multi-section low pass filter to prevent second harmonic re-entry that is characteristic of typical ceramic resonator filters.

### Key Features

Feature	Advantages
Outstanding close-in rejection	Using high Q ceramic resonators enables this filter to support applications where tight rejection performance is required.
Rejection band extended to 7 GHz	Integrated "clean up" low pass filter enables excellent rejection up to 7 GHz eliminating the need for additional external filters.
High Power Handling, 10W	Ability to withstand high power signals allows operation in many lab and integrated assembly applications, or for use in field applications as a quick-fix filter solution.
Excellent Temperature Stability	±0.2 dB insertion loss over the full temperature range.
Compact Versatile Case	Case Body: 1.2"x0.75"x0.46" With connectors and flanges: 2.05"x1.18"x0.46" Connectors: SMA Female (1), SMA Male (1)

**Mini-Circuits**  
ISO 9001 ISO 14001 AS 9100 CERTIFIED

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IF/RF MICROWAVE COMPONENTS

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Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet. 2. Electrical specifications and performance data contained herein are based on Mini-Circuit's applicable established test performance criteria and measurement instructions. 3. The parts covered by this specification sheet are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at [www.minicircuits.com/MCLStore/terms.jsp](http://www.minicircuits.com/MCLStore/terms.jsp).