

10.7 MHZ, SURFACE MOUNT LOW LOSS CERAMIC FILTERS ASFC10.7M Series

FEATURES:

- Small size, Light weight
- Low loss and high attenuation.

APPLICATIONS:

- FM receivers
- Digital transmission systems
- Communications applications.



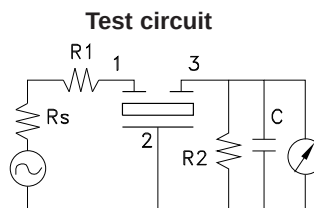
7 x 3 x 1.5 mm

STANDARD SPECIFICATIONS AFC10.7M SERIES

Part Number	3 dB Bandwidth (kHz)	20 dB Bandwidth (kHz) max.	Insertion Loss (dB) max.	Spurious Attenuation 9-12 MHz (dB) min.	Input / Output Impedance(W)
ASFC10.7MA	280 ± 50	650	6	30	330
ASFC10.7MS	230 ± 50	600	6	30	330 (*)

Low-loss type

Part Number	3 dB Bandwidth (kHz)	20 dB Bandwidth (kHz) max.	Insertion Loss (dB) max.	Spurious Attenuation 9-12 MHz (dB) min.	Input / Output Impedance(W)
ASFC10.7MA30	280 ± 50	590	3.0 ± 2.0	35	330 (*)
ASFC10.7MS35	230 ± 50	510	3.5 ± 2.0	35	330 (*)
ASFC10.7MC40	180 ± 40	470	4.0 ± 2.0	35	330 (*)



C = 10pF
(including stray capacitance)
Rs+R1 = R2 = 330 ohms

ORDERING OPTIONS

ASFC10.7MXXX - Packaging

see part number

T for Tape and Reel

Storage temperature: -40°C to +85°C

Packaging: Option Tape and Reel (4,000pcs.) See appendix H.

Environmental and mechanical specification, see appendix C. Group 6.

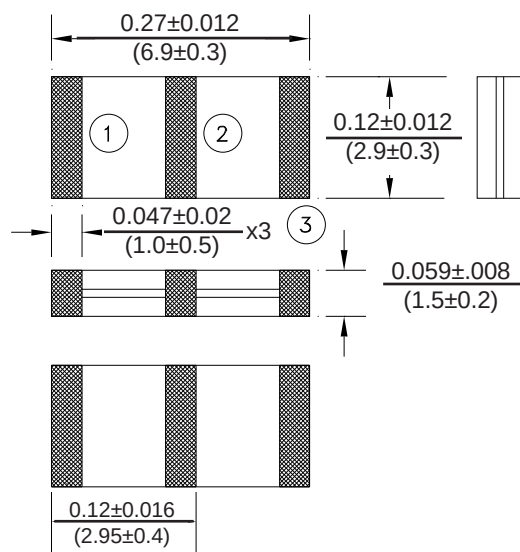
Marking, see appendix G. Application notes, see appendix A.

Recommended handling, see appendix F.

(*) As of 09/02 parts are under development.

Pin connections

1	Input
2	GND
3	Output



Dimensions: Inches (mm)

ABRACON IS
ISO 9001 / QS 9000
CERTIFIED

NOTE: Left blank if standard • All specifications and markings subject to change without notice

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