Specification for monolithic crystal filter:  

MQF 10.7 - 1500 / 25 V0

1. General
1.1. Package:

1.2. Type name: MQF 10.7-1500/25V0
1.3. Number of poles: 8
1.4. Operating temperature range: -20°C to +85°C
1.5. Storage temperature range: -35°C to +85°C

2. Electric values

2.1. Nominal centre frequency \( f_0 \): 10.7 MHz

2.2. Pass band

2.2.1. Centre frequency \( f_c \): 10.7 MHz ± 500 Hz
2.2.2. Bandwidth between 3 dB - frequencies: ≥ \( f_c \) ± 7.5 kHz
2.2.3. Ripple: ≤ 1.0 dB at \( f_c \) ± 5.7 kHz
2.2.4. Insertion loss:  

   ( measured on smallest attenuation in pass band )  

   ≤ 3.5 dB

2.3. Stop band

2.3.1. \( f_c \) ± 17 kHz  

   ≥ 70 dB
2.3.2. Alternate attenuation:  

   ≥ 80 dB

2.4. Terminating impedance (input and output): 50 Ω // 0 pF

3. Marking:  

   manufacturer, date code  
   MQF 10.7-1500/25V0

4. Environment conditions:  

   Corresponding to Vectron standard CF001

Edited by: ___________________________  name: _________________________________