1. General
1.1. Package:

1.2. Type name: MQF 175.0-1500/03
1.3. Number of poles: 6
1.4. Operating temperature range: 0°C to +70°C
1.5. Storage temperature range: -45°C to +85°C

2. Electric values
2.1. Nominal center frequency fo: 175.0 MHz
2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 7.5 kHz
2.2.2. Ripple: < 2.0 dB at fo ± 5.0 kHz
2.2.3. Insertion loss: < 8.0 dB
( measured on smallest attenuation in pass band )
2.3. Stop band
2.3.1. fo ± 35 kHz > 60 dB
2.3.2. Alternate attenuation > 60 dB ( except spurious )
2.3.3. Spurious responses ( > fo + 60 kHz ) > 35 dB
2.4. VSWR at fo ± 5.0 kHz < 2.0 : 1 ( return loss < -9.55 dB )
2.5. Terminating impedance ( input and output ): 50 Ω // 0 pF
2.6 Maximum input power level -10 / 0 dBm ( working / non damaged )

3. Marking:

4. Environment conditions: Corresponding to Vectron standard CF001

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