1. General
1.1. Package:

1.2. Type name: LC 120.0-2.0/03
1.3. Number of poles: 3
1.4. Operating temperature range (OTR): -20°C to +70°C
1.5. Storage temperature range: -45°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 120.0 MHz
2.1.1. Center frequency shift in OTR: 13 kHz/°C typical

2.2. Pass band
2.2.1. Centre frequency fc at +25°C: 120.0 MHz ± 300 kHz
2.2.2. Bandwidth at 3 dB: < 3.5 MHz and > 2.0 MHz
2.2.3. Ripple in pass band: Gaussian (no ripple peak to peak)
2.2.4. Insertion loss: < 10.0 dB (in OTR)
typical at -20°C / +25°C / +70 °C: 7.0dB / 8.0dB / 9.0dB
2.2.5. Return loss at fo: > 12 dB

2.3. Stop band
2.3.1. Bandwidth at 10 dB: < 6.0 MHz and > 4.0 MHz
2.3.2. Bandwidth at 60 dB: < 45 MHz
2.3.3. Bandwidth at 80 dB: < 96 MHz
2.3.4. Alternate attenuation: > 60 dB in the range 142.5….800 MHz

2.4. Terminating impedance (input and output): 50 Ω // 0 pF
2.5. Maximum input power level: +20 dBm

3. Marking: OEM marking on demand
see marking instruction

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ___________________________ name: ___________________________