Specification for balanced LC band pass filter: LC 184.32-100.0/06

1. General
1.1. Package:

Reflow soldering: three times max.
1.2. Type name: LC 184.32-100.0/06

1.3. Number of poles: 5-pole, differential filter

1.4. Operating temperature range (OTR): -40°C to +85°C

1.5. Storage temperature range: -45°C to +105°C

2. Electric values

2.1. Nominal centre frequency fo: 184.32 MHz

2.2. Pass band

2.2.1. Bandwidth at 3 dB: > fo ± 50 MHz
2.2.2. Ripple in pass band: < 0.5 dB peak to peak
2.2.3. Insertion loss: < 3.0 dB

2.3. Stop band

2.3.1. fo -170 MHz: > 40 dB
2.3.2. fo +140 MHz: > 40 dB
2.3.3. Alternate attenuation:
   at DC..........14.32 MHz > 40 dB
   at 324.32 MHz....1.0 GHz > 40 dB

2.4. Terminating impedance (input and output): 200 Ω // 0 pF
2.5. Maximum input power level: +20 dBm

3. Marking:

VECTRON YYWW

LC 184.32-100.0/06

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: date: __________________________ name: __________________________