

FSMS0140B4

• Specifications

| Item | Unit | Min | Typical | Max |
|----------------------------------|--|--------------|---------|------|
| Center Frequency, f_c | MHz | | 140.0 | |
| Insertion Loss ¹⁾ | dB | | 19.5 | 24.0 |
| 1dB Bandwidth | MHz | 7.5 | 7.8 | |
| 3dB Bandwidth | MHz | 7.75 | 8.2 | |
| 35dB Bandwidth | MHz | | 9.60 | 9.9 |
| Passband Ripple ²⁾ | P-P dB | | 0.85 | 1.25 |
| Group Delay Ripple ²⁾ | P-P nsec | | 120 | 200 |
| Ultimate Rejection | dBc | 35 | 43.0 | |
| Operating Temperature Range | °C | 0 | 25 | 70 |
| Absolute Group Delay | usec | 1.42 | 1.52 | 1.62 |
| Package | mm ³ | 13.3x6.5x2.0 | | |
| Notes | 1) Insertion loss with matching circuit 2) $f_c - 3.75\text{MHz} \sim f_c + 3.75\text{MHz}$ | | | |

• Matching Circuit

