Product: Band Pass filter

## Part Number: LBF-33.5/13.5-2S

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| Specification |

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| **No.** | **Parameter** | **Minimum** | **Typical** | **Maximum** | **Units** |
| 1 | Center Freq. |  | 33500 |  | MHz |
| 2 | Pass band | 26500 |  | 40000 | Mhz |
| 3 | Insertion Loss at Center Freq. |  |  | 1.0 | dB |
| 4 | Rejection | **≥10dB@20-26Ghz, ≥50dB@DC-25Ghz** | dB |
| 5 | VSWR | - |  | 1.6 | - |
| 6 | Power |  |  | 10w | W cw |
| 7 | Operating Temperature Range | -35 | - | +50 | ˚C |
| 8 | Impedance | - | 50 | - | Ω |
| 9 | Connecter | 2.92-F  |
| 10 | Preferred finish | Black/sliver/blb |

**Remarks:**

.Power rating is for load vswr better than 1.20:1

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| Environmental Specifications |
| Operational Temperature | -35ºC~+60ºC |
| Storage Temperature | -50ºC~+85ºC |
| Vibration | 25gRMS (15 degrees 2KHz) endurance, 1 hour per axis |
| Humidity | 100% RH at 35ºc, 95%RH at 40ºc |
| Shock | 20G for 11msec half sine wave,3 axis both directions |
| Mechanical Specifications |
| Housing  | Aluminum |
| Connector  | stainless steel |
| Female Contact: | gold plated beryllium bronze |
| Rohs  | compliant |
| Weight | 0.1kg |

Outline Drawing:

All Dimensions in mm

Outline Tolerances ± 0.5(0.02)

Mounting Holes Tolerances ±0.2(0.008)

All Connectors: 2.92-Female



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| Test data |



