



Test report is for reference only.

TEST REPORT
For
JXWBLB-T-BP-9470-160-5CS



Technical Specification

| | |
|-------------------------------------|--|
| Center Frequency(f0)(MHz) | 9470 |
| 1dB Band Width(BW)(MHz) | 160 min |
| 3dB Band Width(BW)(MHz) | 200 max |
| Insertion Loss(dB) | 2.0 max@f0 |
| Attenuation(dB) | 10 min@9350MHz&9610MHz 20 min@9310MHz&9650MHz 30 min@9170MHz&9790MHz 40 min@9130MHz&9850MHz 60 min@8990MHz&9970MHz |
| Impedance(Ohms) | 50 |
| Pass Band Phase Linearity(°) | +/-2 over 80MHz |
| VSWR @1dB pass band | 1.5:1 max |
| Operating Temperature(°C) | -40 ~ +85 |
| Shock | 10G's,1/2 Sine,11ms |
| Vibration | 5G's,10Hz~2000Hz |
| Humidity | 95% relative |
| Net Weight(Kg) | 0.05 Around |

Test Results

| Temperature | f0(MHz) | Insertion Loss@f0(dB) | 1dB BW | 3dB BW | VSWR | Phase Linearity(°) |
|-------------|---------|-----------------------|--------|--------|------|--------------------|
| -40°C | 9462.51 | -1.52 | 171.02 | 200.05 | 1.40 | +/-2 |
| +85°C | 9467.22 | -1.66 | 170.44 | 195.44 | 1.38 | +/-2 |
| +25°C | 9466.82 | -1.59 | 169.57 | 195.56 | 1.38 | +/-2 |

| Temperature | Attenuation(dB) | | | | | | | | | |
|-------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 9.35G | 9.61G | 9.31G | 9.65G | 9.17G | 9.79G | 9.13G | 9.85G | 8.99G | 9.97G |
| -40°C | -13.7 | -22.0 | -28.2 | -36.6 | -59.2 | -61.2 | -64.7 | -69.4 | -80.0 | -79.4 |
| +85°C | -11.1 | -24.6 | -26.0 | -34.3 | -56.1 | -63.3 | -62.2 | -71.1 | -79.5 | -80.5 |
| +25°C | -12.4 | -23.2 | -26.9 | -35.7 | -56.8 | -62.7 | -64.0 | -40.1 | -79.6 | -81.0 |