

J4-50002/50003/50004 QUADRATURE HYBRIDS

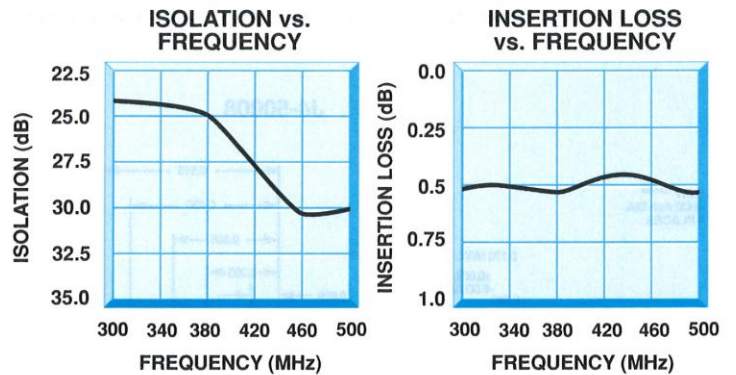
TECHNICAL FEATURE

FEATURES

- 300 to 500 MHz

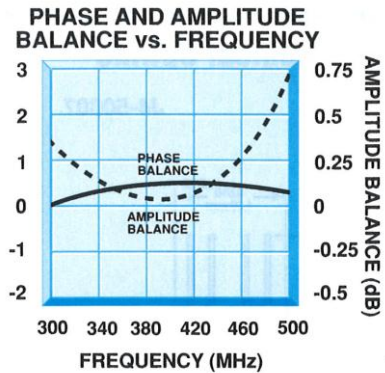
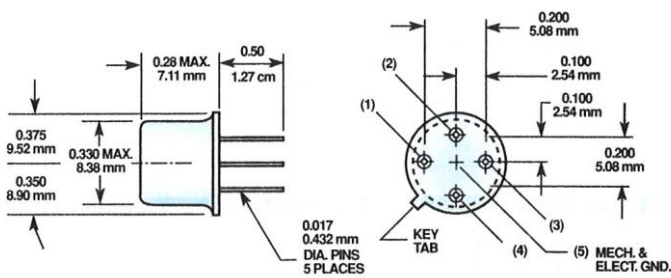
PERFORMANCE

| | |
|----------------------------------|-------------------|
| Frequency Range..... | 300 - 500 MHz |
| Isolation..... | 20 dB min |
| Insertion Loss | 0.75 dB max |
| VSWR..... | 1.3:1 max |
| Phase Balance | $\pm 4^\circ$ max |
| Amplitude Balance | ± 0.75 dB max |
| Impedance..... | 50 Ohms |
| Power Handling..... | 3 Watts max |
| Operating Temperature Range..... | -54 to +85° C |



MECHANICAL OUTLINE

J4-50002



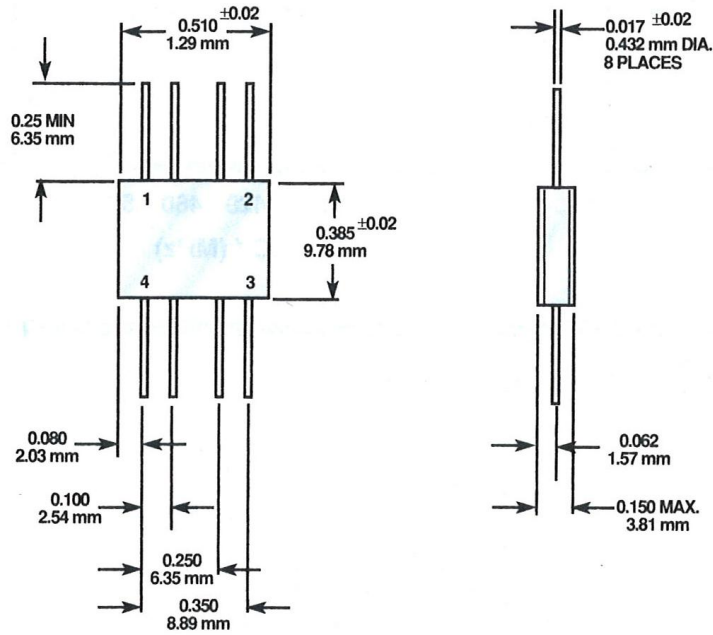
TRUTH TABLE

| OUT \ IN | 1 | 2 | 3 | 4 |
|----------|------|------|------|------|
| 1 | X | ISOL | 0° | -90° |
| 2 | ISOL | X | -90° | 0° |
| 3 | 0° | -90° | X | ISOL |
| 4 | -90° | 0° | ISOL | X |

J4 50002/50003/50004 QUADRATURE HYBRIDS

MECHANICAL OUTLINE

J4-50003



J4-50004

