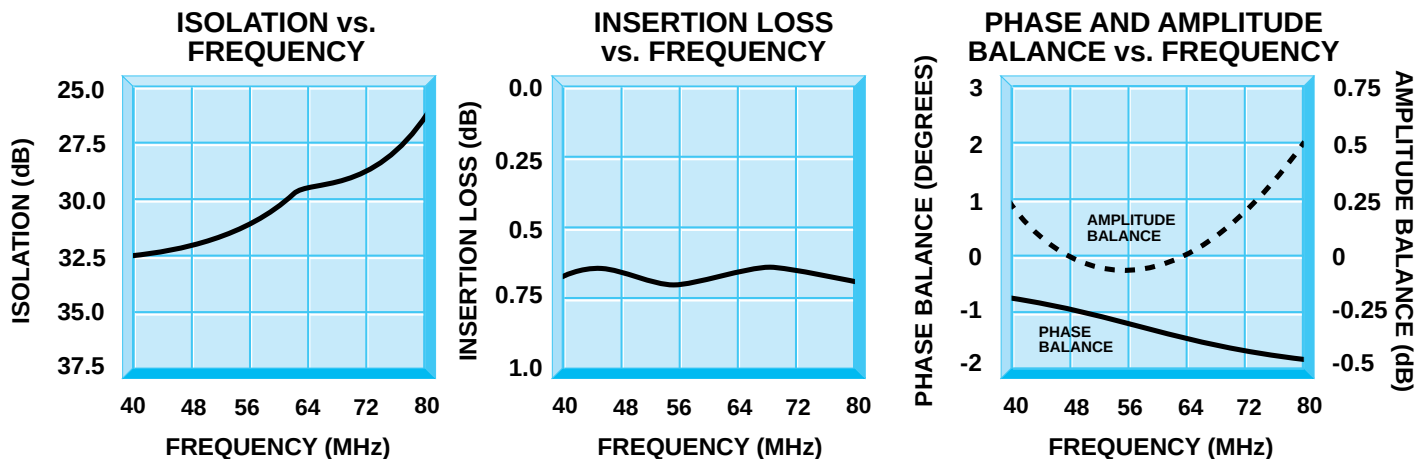


# J4-20005

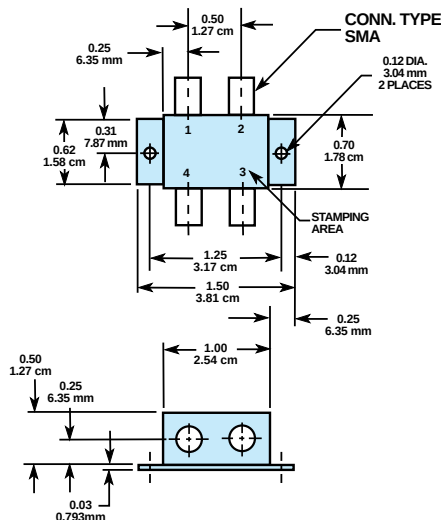
## 40 to 80 MHz Quadrature Hybrid



### Guaranteed Specifications (-54° to +85°C)

|                   |                |
|-------------------|----------------|
| Frequency Range   | 40 to 80 MHz   |
| Isolation         | 25 dB Min.     |
| Insertion Loss    | 0.5 dB Max.    |
| VSWR              | 1.2:1 Max.     |
| Phase Balance     | ±3° Max.       |
| Amplitude Balance | ± 0.75 dB Max. |
| Impedance         | 50 Ohms        |
| Power Handling    | 3 Watts Max.   |

### Mechanical Outline



### Truth Table

| OUT<br>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    |

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