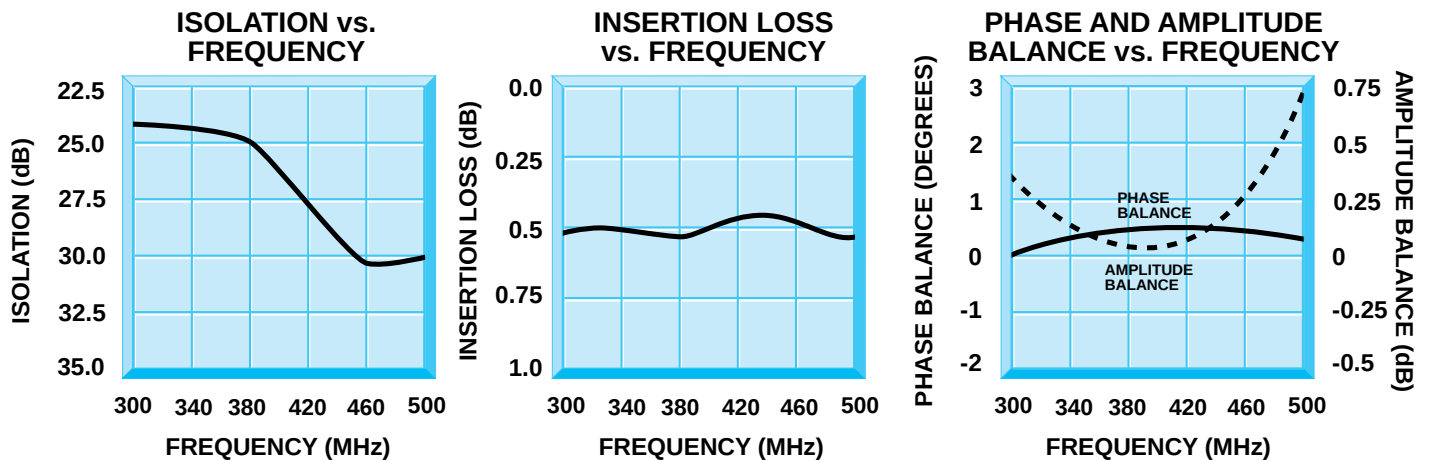


J4-50002 / 50003 / 50004

300 to 500 MHz Quadrature Hybrids

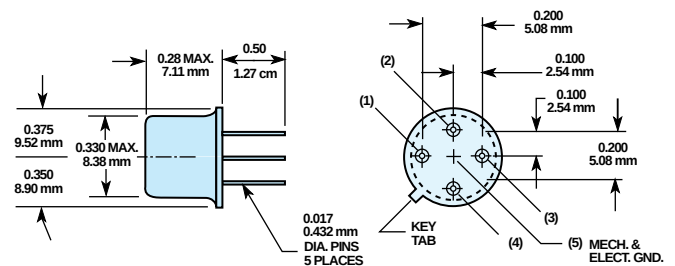


Guaranteed Specifications (-54° to +85°C)

Frequency Range	300 to 500 MHz
Isolation	20 dB Min.
Insertion Loss	0.75 dB Max.
VSWR	1.3:1 Max.
Phase Balance	±4° Max.
Amplitude Balance	± 0.75 dB Max.
Impedance	50 Ohms
Power Handling	3 Watts Max.

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

Additional Mechanical Outlines on next page

SIGNAL
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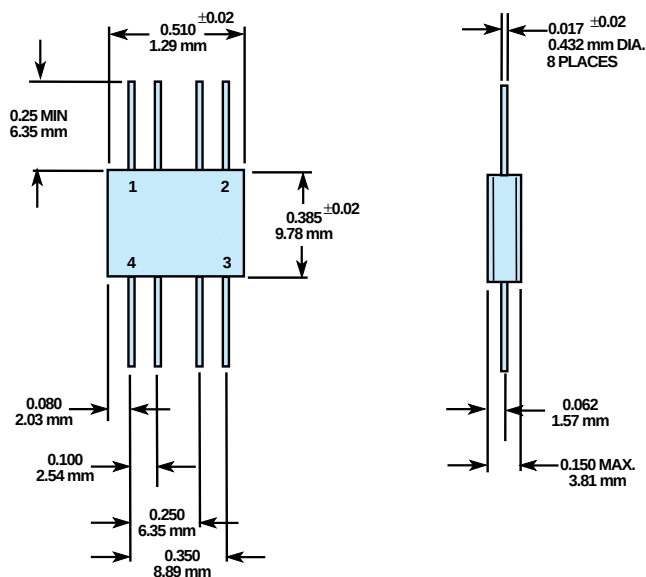
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J4-50002 / 50003 / 50004

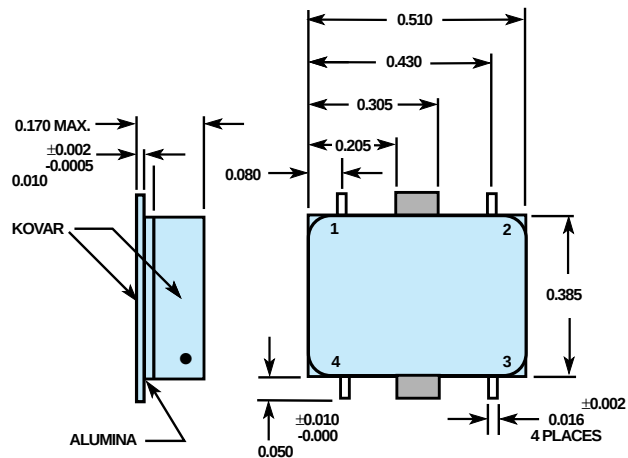
300 to 500 MHz Quadrature Hybrids

Mechanical Outline

J4-50003



J4-50004



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

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