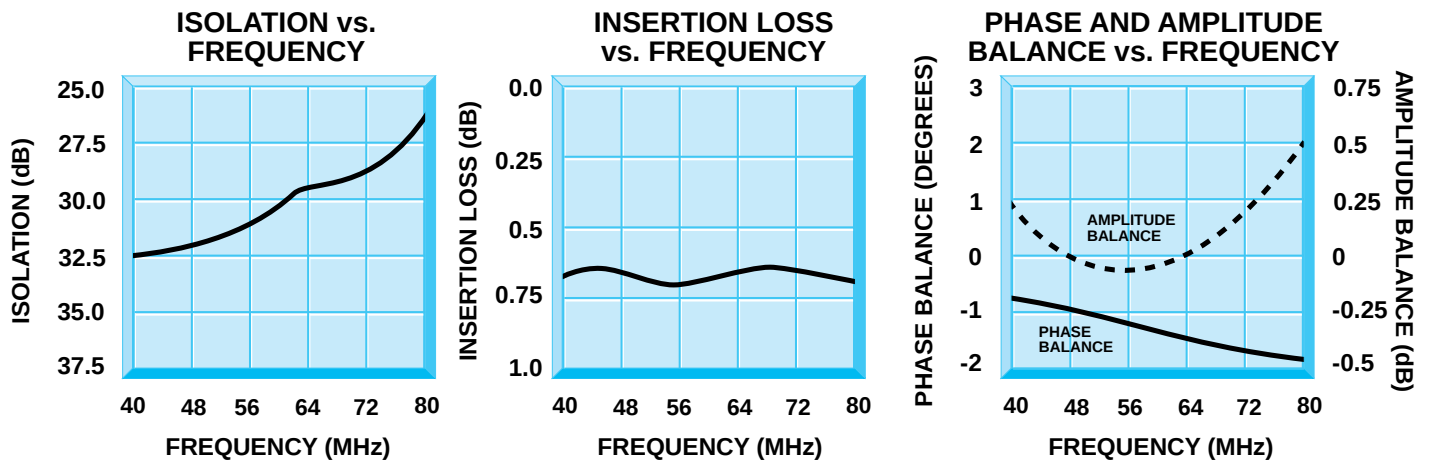


J4-20006 / 20007 / 20008

40 to 80 MHz Quadrature Hybrids

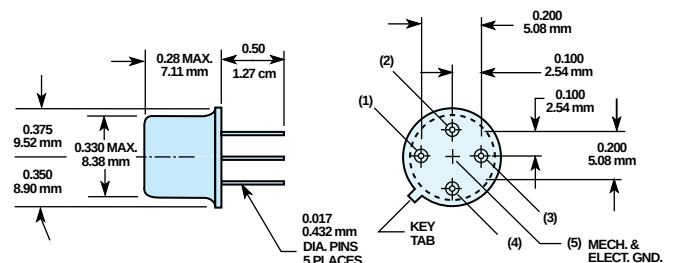


Guaranteed Specifications (-54° to +85°C)

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

J4-20006



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
TECHNOLOGY CORPORATION
OLEKTRON OPERATION

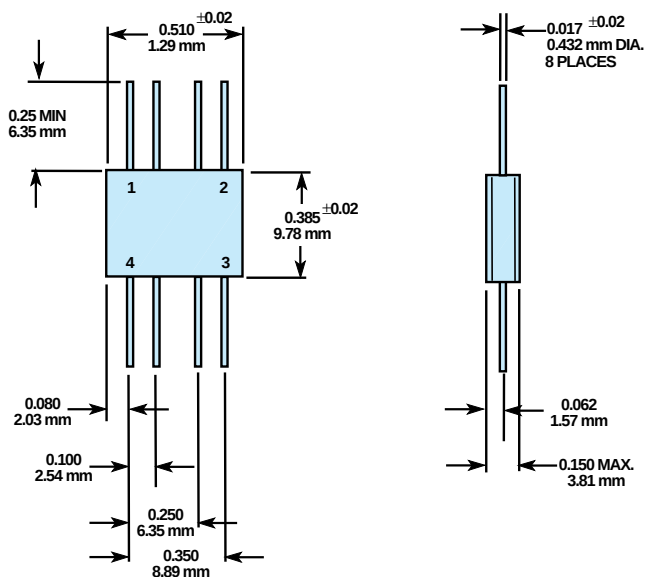
28 Tozer Road • Beverly, MA 01915-5579
Tel. 978.922.0019 • Fax 978.927.9328

J4-20006 / 20007 / 20008

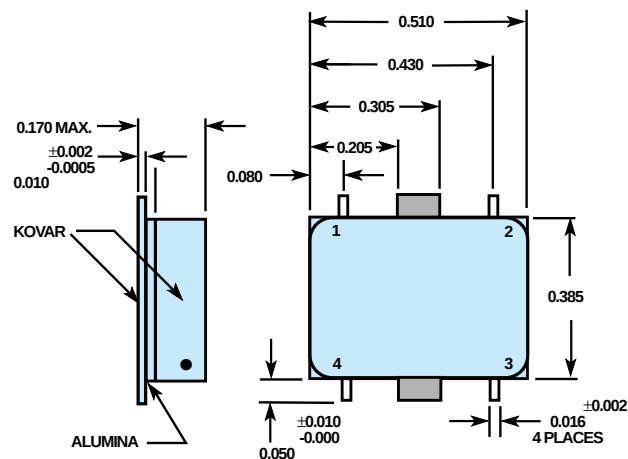
40 to 80 MHz Quadrature Hybrids

Mechanical Outline

J4-20007



J4-20008



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

SIGNAL
TECHNOLOGY CORPORATION
OLEKTRON OPERATION

28 Tozer Road • Beverly, MA 01915-5579
Tel. 978.922.0019 • Fax 978.927.9328