



E-Series I/Q Demodulator

70.2 MHz

EQKS8-70DI

Features

- Surface mount
- Excellent phase and amplitude balance

Specifications @ 25°C

Frequency Range (LO) Carrier, IF I/Q	70.2 MHz DC-1 MHz
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Insertion Loss	10 dB Max
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Isolation LO to IF LO to I/Q	40 dB Min 30 dB Min
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Amplitude Unbalance	±0.5 dB Max
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Phase Unbalance	±1° Max
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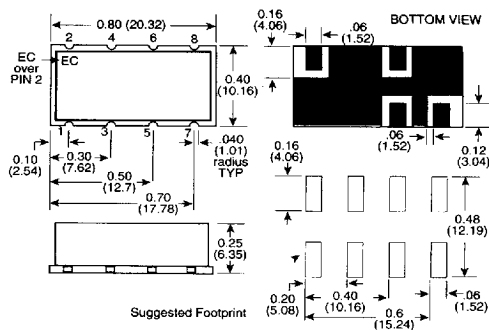
(LO) Carrier Power	10±2 dBm
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Operating Characteristics

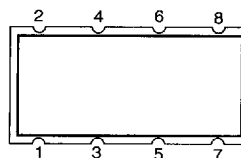
Impedance	50 Ohms Nominal
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IF Power (1 dB Compression)	+3 dBm
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SM-25



Pin Configuration (Top View)



Function	Pin No.
(LO) Carrier	1
IF (in)	8
I (0°)	5
Q (90°)	6
Not used	2
Case Ground	3,4,7

Specifications Subject to Change Without Notice

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