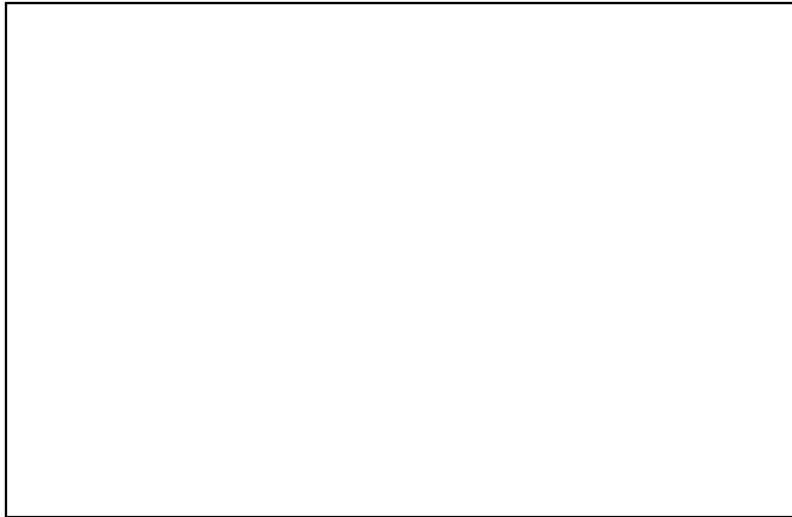


# Electrical Characteristics

Equivalent-Circuit Model: shows the topology used to model the contactors. The surrogate package replaces package. The measurement standards are connected on either side of capacitor C



## Element Values - Explanation

The BGA contactor models are valid from DC to 3.05GHz. The measured and modeled transmission response with 0.1 dB. A model was extracted for four types of pins for each contactor type: adjacent field pins, field pins oriented diagonally, edge pins and corner pins.

## Column Header Explanation

$L_1$  &  $L_2$  pin self-inductance

$M_{21}$  mutual-inductance between adjacent pins



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## Electrical Characteristics

Equivalent-Circuit Model: shows the topology used to model the contactors. The surrogate package replaces package. The measurement standards are connected on either side of capacitor C



Element Values - Explanation

The BGA contactor models are valid from DC to 3.05GHz. The measured and modeled transmission responses are within 0.1 dB. A model was extracted for four types of pins for each contactor type: adjacent field pins, field pins oriented diagonally, edge pins and corner pins.