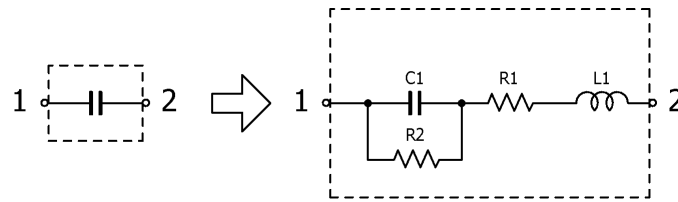


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Automotive Grade (MEGACAP Type) / CKG32K series

Circuit Diagram



Circuit Parameters

| Part No. | C1[μ F] | L1[nH] | R1[ohm] | R2[Gohm] |
|----------------------|--------------|--------|---------|----------|
| CKG32KX7R2J473K335AJ | 47,000 | 1.910 | 0.0435 | 10.0 |
| CKG32KX7R2J473M335AJ | 47,000 | 1.910 | 0.0435 | 10.0 |
| CKG32KX7T2J104K335AJ | 100,000 | 1.910 | 0.0292 | 5.00 |
| CKG32KX7T2J104M335AJ | 100,000 | 1.910 | 0.0292 | 5.00 |
| CKG32KX7R2E104K335AJ | 100,000 | 1.910 | 0.0352 | 5.00 |
| CKG32KX7R2E104M335AJ | 100,000 | 1.910 | 0.0352 | 5.00 |
| CKG32KX7T2J154K335AJ | 150,000 | 1.910 | 0.0268 | 3.33 |
| CKG32KX7T2J154M335AJ | 150,000 | 1.910 | 0.0268 | 3.33 |
| CKG32KX7T2W224K335AJ | 220,000 | 1.910 | 0.0227 | 2.27 |
| CKG32KX7T2W224M335AJ | 220,000 | 1.910 | 0.0227 | 2.27 |
| CKG32KX7R2E224K335AJ | 220,000 | 1.910 | 0.0241 | 2.27 |
| CKG32KX7R2E224M335AJ | 220,000 | 1.910 | 0.0241 | 2.27 |
| CKG32KX7T2E334K335AJ | 330,000 | 1.910 | 0.0219 | 1.52 |
| CKG32KX7T2E334M335AJ | 330,000 | 1.910 | 0.0219 | 1.52 |
| CKG32KX7R2A474K335AJ | 470,000 | 1.910 | 0.0195 | 1.06 |
| CKG32KX7R2A474M335AJ | 470,000 | 1.910 | 0.0195 | 1.06 |
| CKG32KX7R2A105K335AJ | 1,000,000 | 1.910 | 0.0152 | 0.500 |
| CKG32KX7R2A105M335AJ | 1,000,000 | 1.910 | 0.0152 | 0.500 |
| CKG32KX7R1H105K335AJ | 1,000,000 | 1.910 | 0.0158 | 0.500 |
| CKG32KX7R1H105M335AJ | 1,000,000 | 1.910 | 0.0158 | 0.500 |
| CKG32KX7R2A225K335AJ | 2,200,000 | 1.910 | 0.0118 | 0.227 |
| CKG32KX7R2A225M335AJ | 2,200,000 | 1.910 | 0.0118 | 0.227 |
| CKG32KX7S2A335K335AJ | 3,300,000 | 1.910 | 0.0077 | 0.151 |
| CKG32KX7S2A335M335AJ | 3,300,000 | 1.910 | 0.0077 | 0.151 |
| CKG32KX7S2A475K335AJ | 4,700,000 | 1.910 | 0.0082 | 0.106 |
| CKG32KX7S2A475M335AJ | 4,700,000 | 1.910 | 0.0082 | 0.106 |
| CKG32KX7S1H475K335AJ | 4,700,000 | 1.910 | 0.0088 | 0.106 |
| CKG32KX7S1H475M335AJ | 4,700,000 | 1.910 | 0.0088 | 0.106 |
| CKG32KX7R1E475K335AJ | 4,700,000 | 1.910 | 0.0093 | 0.106 |
| CKG32KX7R1E475M335AJ | 4,700,000 | 1.910 | 0.0093 | 0.106 |
| CKG32KX7S1H685K335AJ | 6,800,000 | 1.910 | 0.0059 | 0.0730 |
| CKG32KX7S1H685M335AJ | 6,800,000 | 1.910 | 0.0059 | 0.0730 |
| CKG32KX7S1H106K335AJ | 10,000,000 | 1.910 | 0.0092 | 0.0500 |
| CKG32KX7S1H106M335AJ | 10,000,000 | 1.910 | 0.0092 | 0.0500 |
| CKG32KX7R1E106K335AJ | 10,000,000 | 1.910 | 0.0079 | 0.0500 |
| CKG32KX7R1E106M335AJ | 10,000,000 | 1.910 | 0.0079 | 0.0500 |