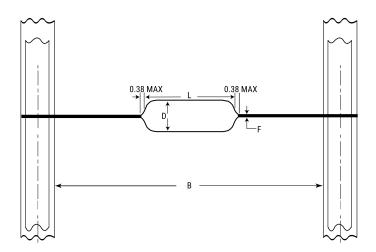


## C410C820J5G5TA91707200

AxiMax 400 Auto COG, Ceramic, 82 pF, 5%, 50 VDC, COG, AxiMax, Automotive Grade



Click here for the 3D model.

| Dimensions |                        |
|------------|------------------------|
| D          | 2.41mm MAX             |
| L          | 4.32mm MAX             |
| F          | 0.51mm +0.025/-0.076mm |
| В          | 52.4mm +/-1.5mm        |

| Packaging Specifications |            |  |  |
|--------------------------|------------|--|--|
| Packaging                | T&R, 305mm |  |  |
| Packaging Quantity       | 5000       |  |  |

| General Information |                          |  |  |  |
|---------------------|--------------------------|--|--|--|
| Series              | AxiMax 400 Auto COG      |  |  |  |
| Description         | AxiMax, Automotive Grade |  |  |  |
| Features            | Automotive Grade         |  |  |  |
| RoHS                | Yes                      |  |  |  |
| Termination         | Tin                      |  |  |  |
| Qualifications      | AEC-Q200                 |  |  |  |
| AEC-Q200            | Yes                      |  |  |  |
| Halogen Free        | Yes                      |  |  |  |

| Specifications   |                          |
|--|--------------------------|
| Capacitance  | 82 pF                    |
| Measurement Condition  | 1 MHz 1.0Vrms            |
| Capacitance Tolerance  | 5%                       |
| Voltage DC   | 50 VDC                   |
| Dielectric Withstanding Voltage                                    | 125 VDC                  |
| Temperature Range  | -55/+125°C               |
| Temperature Coefficient  | COG                      |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30PPM/C, 1MHz<br>1.0Vrms |
| Dissipation Factor   | 0.1% 1 MHz 1.0Vrms       |
| Aging Rate   | 0% Loss/Decade<br>Hour   |
| Insulation Resistance  | 100 GOhms                |

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