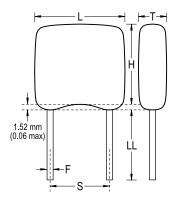
## **KEMET Part Number: C315C180J1G5TA**



## Capacitor, Ceramic, 18 pF, +/-5% Tol, 100 V, C0G, Lead Spacing=0.1"



| General Information      |                              |  |
|--------------------------|------------------------------|--|
| Supplier:                | KEMET                        |  |
| Application:             | General Purpose              |  |
| Part Type Description:   | GoldMax, Commercial Standard |  |
| Temperature Coefficient: | COG                          |  |
| Body Type:               | Radial Conformal             |  |
| Lead Type:               | Wire Leads                   |  |
| Termination Type:        | Tin (Sn)                     |  |
| RoHS:                    | Yes                          |  |
|                          |                              |  |

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 3.81      | MAX       |
| Н               | 3.14      | MAX       |
| Т               | 2.54      | MAX       |
| S               | 2.54      | NOM       |
| LL              | 7         | MIN       |
| F               | 0.51      | NOM       |

| Specifications         |           |
|------------------------|-----------|
| Capacitance:           | 18 pF     |
| Voltage:               | 100 V     |
| Tolerance:             | +/-5%     |
| Temperature Range:     | -55/+125C |
| Failure Rate:          | N/A       |
| Dissipation Factor:    | 0.1%      |
| Insulation Resistance: | 100 GOhm  |
| Dielectric Strength:   | 250 V     |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Package Kind:            | Bulk |  |
| Package Type:            | Bag  |  |
| Package Quantity:        | 500  |  |

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