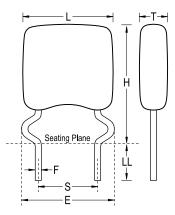
## KEMET Part Number: C316C104M5U5TA



## Capacitor, Ceramic, 0.1 uF, +/-20% Tol, 50 V, Z5U, Lead Spacing=0.1"



| Dimensions (mm) |           |           |  |
|-----------------|-----------|-----------|--|
| Symbol          | Dimension | Tolerance |  |
| L               | 3.81      | MAX       |  |
| Н               | 5.08      | MAX       |  |
| Т               | 2.54      | MAX       |  |
| S               | 2.54      | NOM       |  |
| LL              | 5.08      | MIN       |  |
| F               | 0.51      | NOM       |  |
| E               | 5.08      | NOM       |  |

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

| General Information      |                              |  |
|--------------------------|------------------------------|--|
| Supplier:                | KEMET                        |  |
| Application:             | General Purpose              |  |
| Part Type Description:   | GoldMax, Commercial Standard |  |
| Temperature Coefficient: | Z5U                          |  |
| Body Type:               | Radial Conformal             |  |
| Lead Type:               | CrimpedOut                   |  |
| Termination Type:        | Tin (Sn)                     |  |
| RoHS:                    | Yes                          |  |

| Specifications         |          |  |
|------------------------|----------|--|
| Capacitance:           | 0.1 uF   |  |
| Voltage:               | 50 V     |  |
| Tolerance:             | +/-20%   |  |
| Temperature Range:     | +10/+85C |  |
| Failure Rate:          | N/A      |  |
| Dissipation Factor:    | 4%       |  |
| Insulation Resistance: | 1 GOhm   |  |
| Dielectric Strength:   | 125 V    |  |

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