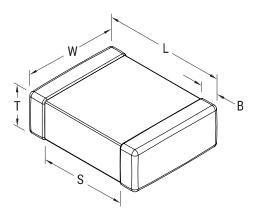
## **KEMET Part Number: C0603C104Z3VACTU**

(C0603C104Z3VAC7867)



SMD Comm Y5V, Ceramic, 0.1 uF, -20/+80%, 25 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0603



| Dimensions |                  |
|------------|------------------|
| L          | 1.6mm +/-0.15mm  |
| W          | 0.8mm +/-0.15mm  |
| Т          | 0.8mm +/-0.10mm  |
| S          | 0.7mm MIN        |
| В          | 0.35mm +/-0.15mm |

| Packaging Specifications |                        |  |
|--------------------------|------------------------|--|
| Packaging:               | T&R, 180mm, Paper Tape |  |
| Packaging Quantity:      | 4000                   |  |

| General Information |  |
|---------------------|--|
| Supplier:           | KEMET  |
| Series:             | SMD Comm Y5V   |
| Style:              | SMD Chip   |
| Description:        | SMD, MLCC, General Purpose,<br>Class III                                     |
| Features:           | Class III  |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Marking:            | No   |
| Miscellaneous:      | Note: Referee time for Y5V<br>dielectric for this part number is<br>48 hours |
| Chip Size:          | 0603   |

| Specifications                      |                     |  |
|-------------------------------------|---------------------|--|
| Capacitance:                        | 0.1 uF              |  |
| Capacitance Tolerance:              | -20/+80%            |  |
| Voltage DC:                         | 25 VDC              |  |
| Dielectric Withstanding<br>Voltage: | 62.5 VDC            |  |
| Temperature Range:                  | -30/+85C            |  |
| Temperature Coefficient:            | Y5V                 |  |
| Dissipation Factor:                 | 7.00% 1kHz 25C      |  |
| Aging Rate:                         | 7% Loss/Decade Hour |  |
| Insulation Resistance:              | 1 GOhms             |  |

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