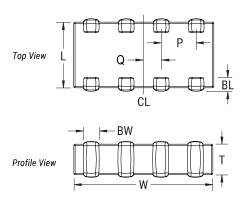
## **KEMET Part Number: CA064X222K2RACTU**

(CA064X222K2RAC7800)



Array Comm X7R Flex, Ceramic, Commercial Grade, 2200 pF, 10%, 200 VDC, X7R, SMD, MLCC, Array, Flex Termination, Class II, 0612



| Dimensions |                 |  |
|------------|-----------------|--|
| L          | 1.6mm +/-0.2mm  |  |
| W          | 3.2mm +/-0.2mm  |  |
| Т          | 0.8mm +/-0.10mm |  |
| Р          | 0.8mm +/-0.10mm |  |

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

| General Information |  |
|---------------------|--|
| Supplier:           | KEMET  |
| Series:             | Array Comm X7R Flex  |
| Style:              | SMD Array  |
| Description:        | SMD, MLCC, Array, Flex<br>Termination, Class II                                |
| RoHS:               | Yes  |
| Termination:        | Flexible Termination   |
| Miscellaneous:      | Note: Referee time for X7R<br>dielectric for this part number is<br>1000 hours |
| Chip Size:          | 0612   |
| Shelf Life:         | 78 Weeks   |
| MSL:                | 1  |

| Specifications                      |                     |  |
|-------------------------------------|---------------------|--|
| Capacitance:                        | 2200 pF             |  |
| Capacitance Tolerance:              | 10%                 |  |
| Voltage DC:                         | 200 VDC             |  |
| Dielectric Withstanding<br>Voltage: | 500 V               |  |
| Temperature Range:                  | -55/+125C           |  |
| Temperature Coefficient:            | X7R                 |  |
| Dissipation Factor:                 | 2.50% 1kHz 25C      |  |
| Aging Rate:                         | 3% Loss/Decade Hour |  |
| Insulation Resistance:              | 100 GOhms           |  |

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