## KEMET Part Number: C1210C226K3PACTU

(C1210C226K3PAC7800)



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 22 uF, +/-10% Tol, 25 V, X5R, 1210 (3225 metric)



| General Information      |  |  |
|--------------------------|--|--|
| Supplier:                | KEMET                                      |  |
| Application:             | Standard Chip                              |  |
| Chip Size:               | 1210 (3225 metric)                         |  |
| Temperature Coefficient: | X5R  |  |
| Part Type Description:   | SMD, MLCC, Temperature<br>Stable, Class II |  |
| Termination Type:        | Tin (Sn)                                   |  |
| Marked:                  | No   |  |
| RoHS:                    | Yes  |  |

| Dimensions (mm) |           |            |
|-----------------|-----------|------------|
| Symbol          | Dimension | Tolerance  |
| L               | 3.2       | +/-0.3     |
| W               | 2.5       | +/-0.3     |
| Т               | 2.5       | +/-0.30    |
| В               | 0.5       | +0.4/-0.25 |

| Packaging Specifications |              |  |
|--------------------------|--------------|--|
| Package Kind:            | T&R          |  |
| Package Size:            | 7in          |  |
| Package Type:            | Plastic Tape |  |
| Package Quantity:        | 1000         |  |

| Specifications         |  |  |
|------------------------|--|--|
| Capacitance:           | 22 uF  |  |
| Voltage:               | 25 V   |  |
| Tolerance:             | +/-10%   |  |
| Temperature Range:     | -55/+85C   |  |
| Dissipation Factor:    | 10%  |  |
| Failure Rate:          | NA   |  |
| Aging Rate:            | 4% loss/decade hour  |  |
| Insulation Resistance: | 23 MOhm  |  |
| Dielectric Strength:   | 62.5 V   |  |
| Miscellaneous:         | Note: Referee time for X5R<br>dielectric for this part number is<br>48 hours |  |

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