## KEMET Part Number: C1210C226M4PACTU

(C1210C226M4PAC7800)



## SMD Comm X5R, Ceramic, 22 uF, 20%, 16 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 1210



| Dimensions |                    |
|------------|--------------------|
| L          | 3.2mm +/-0.3mm     |
| W          | 2.5mm +/-0.3mm     |
| Т          | 2.5mm +/-0.30mm    |
| В          | 0.5mm +0.4/-0.25mm |

| Packaging Specifications |                          |  |
|--------------------------|--------------------------|--|
| Packaging:               | T&R, 180mm, Plastic Tape |  |
| Packaging Quantity:      | 1000                     |  |

| General Information |  |
|---------------------|--|
| Supplier:           | KEMET  |
| Series:             | SMD Comm X5R   |
| Style:              | SMD Chip   |
| Description:        | SMD, MLCC, Temperature<br>Stable, Class II                                   |
| Features:           | Temperature Stable, Class II   |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Marking:            | No   |
| Miscellaneous:      | Note: Referee time for X5R<br>dielectric for this part number is<br>48 hours |
| Chip Size:          | 1210   |

| Specifications                      |                     |
|-------------------------------------|---------------------|
| Capacitance:                        | 22 uF               |
| Capacitance Tolerance:              | 20%                 |
| Voltage DC:                         | 16 VDC              |
| Dielectric Withstanding<br>Voltage: | 40 V                |
| Temperature Range:                  | -55/+85C            |
| Temperature Coefficient:            | X5R                 |
| Dissipation Factor:                 | 10.00% 120Hz 25C    |
| Aging Rate:                         | 5% Loss/Decade Hour |
| Insulation Resistance:              | 5 MOhms             |

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