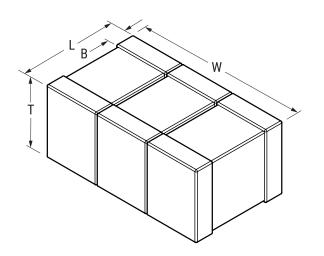
## C1812C145J5JLC7810

KONNEKT Comm U2J, Ceramic, 1.4 uF, 5%, 50 VDC, U2J





| Click he | re for | the | 3D | model | l. |
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| General Information |   |
|---------------------|---|
| Series              | KONNEKT Comm U2J                              |
| Style               | KONNEKT                                       |
| Description         | SMD, MLCC, KONNEKT, Ultra-<br>Stable, Class I |
| Features            | High Density Packaging                        |
| RoHS                | Yes   |
| Termination         | Tin   |
| AEC-Q200            | No  |
| Chip Size           | 1812-3  |
| Shelf Life          | 78 Weeks                                      |
| MSL                 | 1   |

| Dimensions |                 |
|------------|-----------------|
| L          | 4.5mm +/-0.3mm  |
| W          | 5.3mm +/-0.6mm  |
| Т          | 3.2mm +/-0.3mm  |
| В          | 0.6mm +/-0.35mm |
|            |                 |

| Packaging Specifications |                          |  |
|--------------------------|--------------------------|--|
| Packaging                | T&R, 330mm, Plastic Tape |  |
| Packaging Quantity       | 2200                     |  |

| Specifications                  |                       |
|---------------------------------|-----------------------|
| Capacitance                     | 1.4 uF                |
| Tolerance                       | 5%                    |
| Voltage DC                      | 50 VDC                |
| Dielectric Withstanding Voltage | 125 VDC               |
| Temperature Range               | -55/+125°C            |
| Temp. Coefficient               | U2J                   |
| Dissipation Factor              | 0.1% 1 kHz 25C        |
| Aging Rate                      | 0.1% Loss/Decade Hour |
| Insulation Resistance           | 714.29 MOhms          |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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