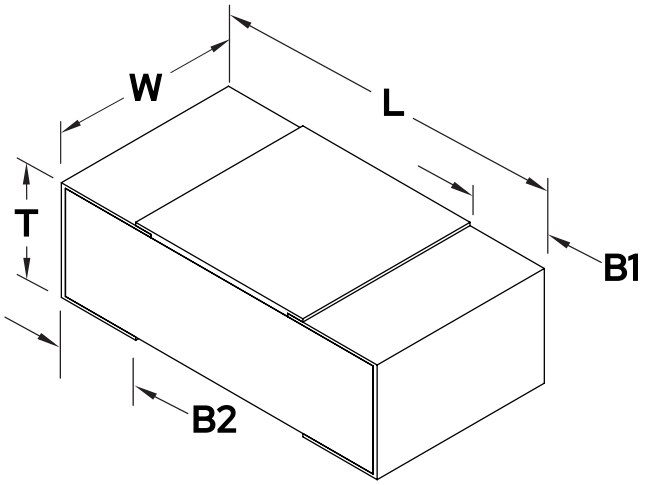
# AC0805FR-7W42R2L

YAGEO, AC, Thick Film, SMD Chip, 42.2 Ohms, 1%, 0805 / 2012




Click here for the 3D model.

| General Information | |
|---|---|
| Supplier | YAGEO |
| Series | AC |
| Style | SMD Chip |
| Description | Automotive Grade, Thick Film Resistors |
| RoHS | Yes |
| Termination | Tin |
| Lead | Wrap Around, 3-Sided |
| Qualifications | AEC-Q200 |
| Case Code (EIA / mm) | 0805 / 2012 |

| Dimensions | |
|---|---|
| L | 2mm +/-0.1mm |
| W | 1.25mm +/-0.1mm |
| T | 0.5mm +/-0.1mm |
| B1 | 0.35mm +/-0.2mm |
| B2 | 0.35mm +/-0.2mm |

| Packaging Specifications | |
|---|---|
| Packaging | T&R, 178mm |
| Packaging Quantity | 5000 |

| Specifications | |
|---|---|
| Resistance | 42.2 Ohms |
| Resistance Tolerance | 1% |
| Power | 0.25 W (70C) |
| Temp. Coefficient | -/+100 ppm/C |
| Temperature Range | -55/+155°C |
| Voltage DC | 150 V (Max Continuous Voltage at Full Rated Power), 300 Max Over Voltage, 300 Dielectric Withstanding Voltage |

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.



© 2006 - 2026 YAGEO