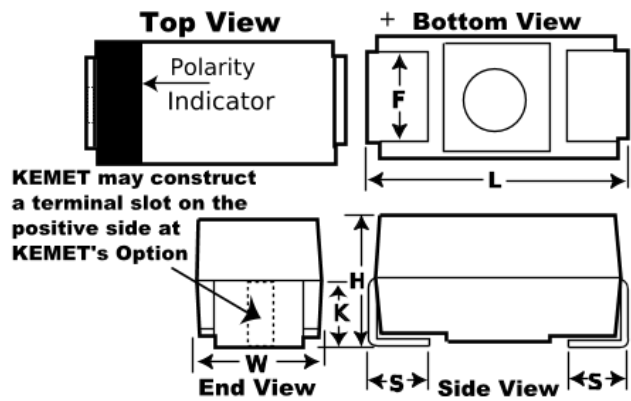




| General Information |                                                           |
|---------------------|-----------------------------------------------------------|
| Series              | B45190R                                                   |
| Dielectric          | MnO2 Tantalum                                             |
| Style               | SMD Chip                                                  |
| Description         | SMD, Molded, Low Profile, Low ESR, Surge Robust           |
| Features            | Low Profile, Low ESR, Surge Robust                        |
| RoHS                | Yes                                                       |
| Termination         | Tin                                                       |
| AEC-Q200            | No                                                        |
| Notes               | Obsolete. Old Part Number [Obsolete] Was B45190R1156K206. |

| Specifications        |                                                    |
|-----------------------|----------------------------------------------------|
| Capacitance           | 15 uF                                              |
| Capacitance Tolerance | 10%                                                |
| Voltage DC            | 6.3 VDC (85C), 4.22 VDC (125C)                     |
| Temperature Range     | -55/+125°C                                         |
| Rated Temperature     | 85°C                                               |
| Dissipation Factor    | 6%                                                 |
| Failure Rate          | N/A                                                |
| Resistance            | 1 Ohms (100kHz)                                    |
| Ripple Current        | 270 mAmps (25C), 243 mAmps (85C), 108 mAmps (125C) |
| Leakage Current       | 0.9 uA                                             |

| Dimensions |                |
|------------|----------------|
| Footprint  | 3528           |
| L          | 3.5mm +/-0.2mm |
| W          | 2.8mm +/-0.2mm |
| H          | 1.2mm MAX      |
| S          | 0.8mm +/-0.3mm |
| F          | 2.2mm +/-0.1mm |
| K          | 1mm TYP        |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, 330mm |
| Packaging Quantity       | 10000      |

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