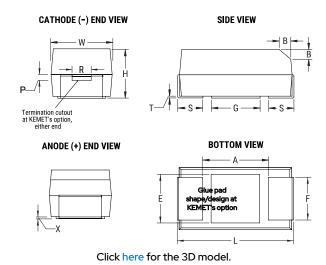


T540D476K020CH6710

 $T540\,HRA,$ Tantalum, Polymer Tantalum, HRA, $47\,uF,$ 10%, $20\,VDC,$ SMD, Polymer, Molded, High Reliability, C (0.01%/1000 Hrs), $75\,mOhms,$ 7343, $3.1\,mm,$ $1.3\,mm$



| General Information | |
|--------------------------|--|
| Series | T540 HRA |
| Dielectric | Polymer Tantalum |
| Style | SMD Chip |
| Description | SMD, Polymer, Molded, High Reliability |
| Features | Non-Combustible, Low ESR, High Reliability |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov / |
| SCIP Number | b064b03e-bd75-42af-b342-1fe 94dec2340 |
| Termination | Tin Lead (SnPb) |
| AEC-Q200 | No |
| Typical Component Weight | 352.36 mg |
| Shelf Life | 52 Weeks |
| MSL | 3 |

| Dimensions | |
|------------|--------------------|
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| Н | 2.8mm +/-0.3mm |
| Т | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| A | 3.8mm MIN |
| В | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| Р | 0.9mm REF |
| R | 1mm REF |
| Х | 0.1mm +/-0.1mm REF |

T&R, 178mm

500

Packaging Specifications

Packaging Quantity

Packaging

| Specifications | |
|-------------------------|--|
| Capacitance | 47 uF |
| Tolerance | 10% |
| Voltage DC | 20 VDC (105C), 13.4 VDC (125C) |
| Temperature Range | -55/+125°C |
| Rated Temperature | 105°C |
| Life | 2000 Hrs (125C) |
| Humidity | 60C, 90% RH, 500 Hours, rated voltage |
| Dissipation Factor | 10% 120Hz 25C |
| Failure Rate | C (0.01%/1000 Hrs) |
| ESR | 75 mOhms (100kHz 25C) |
| Ripple Current | 1732 mA (rms, 100kHz 45C) |
| Leakage Current | 94 uA (5min 25°C) |
| Testing and Reliability | 10 Cycles Surge Current Testing At -55C +0C/-5C And +85C +/-5C After Voltage Aging |

| 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 |

Generated 05/08/2025 © 2006 - 2025 YAGEO