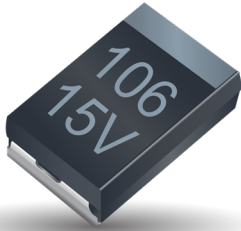


TAZ SERIES

HRC5000 Medical Implantable Grade



GENERAL DESCRIPTION

The TAZ HRC5000 Medical Grade series is designed for use in medical implantable applications. These are based off of the MIL-PRF-55365 case sizes and feature extremely low DC leakage levels well below typical values.

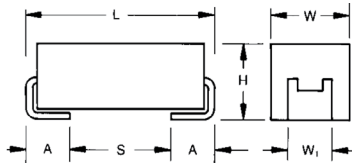
These components are manufactured and tested in the AVX Biddeford Maine factory which is ISO 13485 certified. Weibull grading and surge current testing options per MIL-PRF-55365 are available along with several plating options including tin/lead solder, 100% tin, or gold terminations.

To request an additional rating not listed here, or for more information on HRC5000 testing details, please contact the factory.

For moisture sensitivity levels please refer to the High Reliability Tantalum MSL section located in the back of the High Reliability Tantalum Catalog.

MARKING

(White marking on black body)



Polarity Stripe (+)

**Capacitance Code
Rated Voltage**

CASE DIMENSIONS:

millimeters (inches)

| Case Code | Length (L) ±0.38 (0.015) | Width (W) ±0.38 (0.015) | Height (H) ±0.38 (0.015) | Term. Width (W _t) | Term. Length (A) +0.25/-0.13 (+0.010/-0.005) | S min | Typical Weight (g) |
|-----------|--------------------------------|--|--------------------------------|---|--|--------------|--------------------|
| A | 2.54 (0.100) | 1.27 (0.050) | 1.27 (0.050) | 1.27±0.13 (0.050±0.005) | 0.76 (0.030) | 0.38 (0.015) | 0.016 |
| B | 3.81 (0.150) | 1.27 (0.050) | 1.27 (0.050) | 1.27±0.13 (0.050±0.005) | 0.76 (0.030) | 1.65 (0.065) | 0.025 |
| C | 5.08 (0.200) | 1.27 (0.050) | 1.27 (0.050) | 1.27±0.13 (0.050±0.005) | 0.76 (0.030) | 2.92 (0.115) | 0.035 |
| D | 3.81 (0.150) | 2.54 (0.100) | 1.27 (0.050) | 2.41+0.13/-0.25 (0.095+0.005/-0.010) | 0.76 (0.030) | 1.65 (0.065) | 0.045 |
| E | 5.08 (0.200) | 2.54 (0.100) | 1.27 (0.050) | 2.41+0.13/-0.25 (0.095+0.005/-0.010) | 0.76 (0.030) | 2.92 (0.115) | 0.065 |
| F | 5.59 (0.220) | 3.43 (0.135) | 1.78 (0.070) | 3.30±0.13 (0.130±0.005) | 0.76 (0.030) | 3.43 (0.135) | 0.125 |
| G | 6.73 (0.265) | 2.79 (0.110) | 2.79 (0.110) | 2.67±0.13 (0.105±0.005) | 1.27 (0.050) | 3.56 (0.140) | 0.205 |
| H | 7.24 (0.285) | 3.81 (0.150) | 2.79 (0.110) | 3.68+0.13/-0.51 (0.145+0.005/-0.020) | 1.27 (0.050) | 4.06 (0.160) | 0.335 |
| R | 2.05 (0.081) ±0.20 (0.008) | 1.30 (0.051) +0.20 (0.008) -0.10 (0.004) | 1.20 (0.047) max | 1.0±0.10 (0.039±0.004) | 0.50 (0.20) +0.30 (0.012) -0.20 (0.008) | 0.71 (0.028) | 0.010 |


TAZ SERIES



HRC5000 Medical Implantable Grade

CAPACITANCE AND RATED VOLTAGE, V_R (VOLTAGE CODE) RANGE (LETTER DENOTES CASE SIZE)

| Capacitance | | Rated Voltage | | | | | | | | |
|---------------|------|---------------|---------|-------|-----|-------|-----|-----|-----|-----|
| μF | Code | 4V | 6V | 10V | 12V | 15V | 20V | 25V | 35V | 50V |
| 0.10 | 104 | | | | | | | | | A |
| 0.15 | 154 | | | | | | | | | A |
| 0.22 | 224 | | | | | | | | A | |
| 0.33 | 334 | | | R | | | | A | | |
| 0.47 | 474 | | | | | | A | | B | |
| 0.68 | 684 | | | | | A | | | | |
| 1 | 105 | | | A | | A | A/B | B | D | E |
| 1.5 | 155 | | A | A | | | B | D | | |
| 2.2 | 225 | A | A | A/B | | A/B | B/D | D/E | | F |
| 3.3 | 335 | | A/B | A/B | | B/D | E | E | F | G |
| 4.7 | 475 | A/B | A | B/D | | B/D/E | D/E | F | | |
| 6 | 605 | | | | | | | | | |
| 6.8 | 685 | A | D | B/D/E | | | D/E | F | | |
| 10 | 106 | D | B/D/E | B/D/E | | D/E/F | E | G | H | |
| 14 | 146 | | | E | | | | | | |
| 15 | 156 | | B/D/F | D/E/F | | E | F/G | | | |
| 22 | 226 | | F | D/E/F | E | F/G | G/H | H | | |
| 33 | 336 | E/F | E | F/G | | F/H | | | | |
| 47 | 476 | E | E/F/G | F/G/H | | G | H | | | |
| 68 | 686 | E/G | E/F/G/H | G | | | | | | |
| 100 | 107 | F | G | H | | H | | | | |
| 150 | 157 | | G | H | | | | | | |
| 220 | 227 | | | H | | | | | | |
| 300 | 307 | | H | | | | | | | |
| 330 | 337 | | H | | | | | | | |

HOW TO ORDER

| | | | | | | | | | | | |
|------------|-----------|--|---|--|----------------------------|---|------------------|---|---------------------|--|---|
| TAZ | E | 106 | * | 010 | C |  | L | @ | 5 | ^ | ++ |
| Type | Case Size | Capacitance Code | Capacitance Tolerance | Voltage Code | ESR | Packaging | Inspection Level | Reliability Grade | Qualification Level | Termination Finish | Surge Test Option |
| | | pF code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) | J = $\pm 5\%$ K = $\pm 10\%$ M = $\pm 20\%$ | 004 = 4Vdc 006 = 6Vdc 010 = 10Vdc 015 = 15Vdc 020 = 20Vdc 025 = 25Vdc 035 = 35Vdc 050 = 50Vdc | C = Std ESR L = Low ESR | B = Bulk R = 7" T&R W = Waffle | L = Group A | Weibull: B = 0.1%/1000 hrs. 90% conf. C = 0.01%/1000 hrs. 90% conf. | 5 = HRC5000 | H = Solder Plated 0 = Solder Fused 9 = Gold Plated 7 = 100% Tin | 00 = None 23 = 10 Cycles, +25°C 24 = 10 Cycles, -55°C & +85°C 45 = 10 cycles, -55°C & +85°C before Weibull |

For RoHS compliant products, please select correct termination style.

*Contact factory for AVX HRC5000 Medical Grade SCD details.

TECHNICAL SPECIFICATIONS

| | | | | | | | | | | |
|----------------------------|---|-----|-----|------|------|------|------|------|------|--|
| Technical Data: | Unless otherwise specified, all technical data relate to an ambient temperature of 25°C | | | | | | | | | |
| Capacitance Range: | 0.10 μF to 330 μF | | | | | | | | | |
| Capacitance Tolerance: | $\pm 5\%$; $\pm 10\%$; $\pm 20\%$ | | | | | | | | | |
| Rated Voltage (V_R) | $\leq 85^\circ\text{C}$: | 4 | 6 | 10 | 15 | 20 | 25 | 35 | 50 | |
| Category Voltage (V_C) | $\leq 125^\circ\text{C}$: | 2.7 | 4 | 6.7 | 10 | 13.3 | 16.7 | 23.3 | 33.3 | |
| Surge Voltage (V_S) | $\leq 85^\circ\text{C}$: | 5.3 | 8 | 13.3 | 20 | 26.7 | 33.3 | 46.7 | 66.7 | |
| Surge Voltage (V_S) | $\leq 125^\circ\text{C}$: | 3.5 | 5.3 | 8.7 | 13.3 | 17.8 | 22.2 | 31.1 | 44.5 | |
| Temperature Range: | -55°C to +125°C | | | | | | | | | |

TAZ SERIES

HRC5000 Medical Implantable Grade



| RATING & PART NUMBER REFERENCE | | Parametric Specifications by Rating | | | | | | | | | Typical RMS Ripple Data by Rating | | | | | | |
|--------------------------------|------|-------------------------------------|------------------|--------------|---------|--------|--------|--------|-------------|-------|-----------------------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|
| | | Cap @ 120Hz | DC Rated Voltage | ESR @ 100kHz | DCL max | | | DF Max | | | Power Dissipation | 25°C Ripple Current | 85°C Ripple Current | 125°C Ripple Current | 25°C Ripple Voltage | 85°C Ripple Voltage | 125°C Ripple Voltage |
| | | | | | +25°C | +85°C | +125°C | +25°C | +(85/125)°C | -55°C | | | | | | | |
| AVX P/N | Case | µF @ 25°C | V @ +85°C | Ohms @ +25°C | (µA) | (µA) | (µA) | (%) | (%) | (%) | W | A (100kHz) | A (100kHz) | A (100kHz) | V (100kHz) | V (100kHz) | V (100kHz) |
| TAZA225*004L@5*** | A | 2.2 | 4 | 4 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.112 | 0.101 | 0.045 | 0.447 | 0.402 | 0.179 |
| TAZA225*004C@5*** | A | 2.2 | 4 | 8 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.079 | 0.071 | 0.032 | 0.632 | 0.569 | 0.253 |
| TAZA475*004L@5*** | A | 4.7 | 4 | 6 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.091 | 0.082 | 0.037 | 0.548 | 0.493 | 0.219 |
| TAZA475*004C@5*** | A | 4.7 | 4 | 12 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.065 | 0.058 | 0.026 | 0.775 | 0.697 | 0.310 |
| TAZB475*004L@5*** | B | 4.7 | 4 | 3.2 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.148 | 0.133 | 0.059 | 0.473 | 0.426 | 0.189 |
| TAZB475*004C@5*** | B | 4.7 | 4 | 8 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.094 | 0.084 | 0.037 | 0.748 | 0.673 | 0.299 |
| TAZA685*004L@5*** | A | 6.8 | 4 | 6 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.091 | 0.082 | 0.037 | 0.548 | 0.493 | 0.219 |
| TAZA685*004C@5*** | A | 6.8 | 4 | 12 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.065 | 0.058 | 0.026 | 0.775 | 0.697 | 0.310 |
| TAZD106*004L@5*** | D | 10 | 4 | 1.3 | 0.100 | 1.000 | 1.200 | 8 | 8 | 10 | 0.080 | 0.248 | 0.223 | 0.099 | 0.322 | 0.290 | 0.129 |
| TAZD106*004C@5*** | D | 10 | 4 | 4 | 0.100 | 1.000 | 1.200 | 8 | 8 | 10 | 0.080 | 0.141 | 0.127 | 0.057 | 0.566 | 0.509 | 0.226 |
| TAZE336*004L@5*** | E | 33 | 4 | 0.9 | 0.330 | 3.300 | 3.960 | 8 | 10 | 12 | 0.090 | 0.316 | 0.285 | 0.126 | 0.285 | 0.256 | 0.114 |
| TAZE336*004C@5*** | E | 33 | 4 | 3 | 0.330 | 3.300 | 3.960 | 8 | 10 | 12 | 0.090 | 0.173 | 0.156 | 0.069 | 0.520 | 0.468 | 0.208 |
| TAZF336*004L@5*** | F | 33 | 4 | 0.6 | 0.330 | 3.300 | 3.960 | 8 | 10 | 12 | 0.100 | 0.408 | 0.367 | 0.163 | 0.245 | 0.220 | 0.098 |
| TAZF336*004C@5*** | F | 33 | 4 | 2.2 | 0.330 | 3.300 | 3.960 | 8 | 10 | 12 | 0.100 | 0.213 | 0.192 | 0.085 | 0.469 | 0.422 | 0.188 |
| TAZE476*004L@5*** | E | 47 | 4 | 0.9 | 0.470 | 4.700 | 5.640 | 8 | 10 | 12 | 0.090 | 0.316 | 0.285 | 0.126 | 0.285 | 0.256 | 0.114 |
| TAZE476*004C@5*** | E | 47 | 4 | 3 | 0.470 | 4.700 | 5.640 | 8 | 10 | 12 | 0.090 | 0.173 | 0.156 | 0.069 | 0.520 | 0.468 | 0.208 |
| TAZE686*004L@5*** | E | 68 | 4 | 0.9 | 0.680 | 6.800 | 8.160 | 8 | 10 | 12 | 0.090 | 0.316 | 0.285 | 0.126 | 0.285 | 0.256 | 0.114 |
| TAZE686*004C@5*** | E | 68 | 4 | 3 | 0.680 | 6.800 | 8.160 | 8 | 10 | 12 | 0.090 | 0.173 | 0.156 | 0.069 | 0.520 | 0.468 | 0.208 |
| TAZG686*004L@5*** | G | 68 | 4 | 0.275 | 0.680 | 6.800 | 8.160 | 10 | 12 | 12 | 0.125 | 0.674 | 0.607 | 0.270 | 0.185 | 0.167 | 0.074 |
| TAZG686*004C@5*** | G | 68 | 4 | 1.1 | 0.680 | 6.800 | 8.160 | 10 | 12 | 12 | 0.125 | 0.337 | 0.303 | 0.135 | 0.371 | 0.334 | 0.148 |
| TAZF107*004L@5*** | F | 100 | 4 | 0.55 | 1.000 | 10.000 | 12.000 | 10 | 12 | 12 | 0.100 | 0.426 | 0.384 | 0.171 | 0.235 | 0.211 | 0.094 |
| TAZF107*004C@5*** | F | 100 | 4 | 2 | 1.000 | 10.000 | 12.000 | 10 | 12 | 12 | 0.100 | 0.224 | 0.201 | 0.089 | 0.447 | 0.402 | 0.179 |
| TAZA155*006L@5*** | A | 1.5 | 6 | 4 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.112 | 0.101 | 0.045 | 0.447 | 0.402 | 0.179 |
| TAZA155*006C@5*** | A | 1.5 | 6 | 8 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.079 | 0.071 | 0.032 | 0.632 | 0.569 | 0.253 |
| TAZA225*006L@5*** | A | 2.2 | 6 | 6 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.091 | 0.082 | 0.037 | 0.548 | 0.493 | 0.219 |
| TAZA225*006C@5*** | A | 2.2 | 6 | 12 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.065 | 0.058 | 0.026 | 0.775 | 0.697 | 0.310 |
| TAZA335*006L@5*** | A | 3.3 | 6 | 6 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.091 | 0.082 | 0.037 | 0.548 | 0.493 | 0.219 |
| TAZA335*006C@5*** | A | 3.3 | 6 | 12 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.065 | 0.058 | 0.026 | 0.775 | 0.697 | 0.310 |
| TAZB335*006L@5*** | B | 3.3 | 6 | 3.2 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.148 | 0.133 | 0.059 | 0.473 | 0.426 | 0.189 |
| TAZB335*006C@5*** | B | 3.3 | 6 | 8 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.094 | 0.084 | 0.037 | 0.748 | 0.673 | 0.299 |
| TAZA475*006L@5*** | A | 4.7 | 6 | 6 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.091 | 0.082 | 0.037 | 0.548 | 0.493 | 0.219 |
| TAZA475*006C@5*** | A | 4.7 | 6 | 12 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.065 | 0.058 | 0.026 | 0.775 | 0.697 | 0.310 |
| TAZD685*006L@5*** | D | 6.8 | 6 | 1.5 | 0.102 | 1.020 | 1.224 | 6 | 8 | 8 | 0.080 | 0.231 | 0.208 | 0.092 | 0.346 | 0.312 | 0.139 |
| TAZD685*006C@5*** | D | 6.8 | 6 | 4.5 | 0.102 | 1.020 | 1.224 | 6 | 8 | 8 | 0.080 | 0.133 | 0.120 | 0.053 | 0.600 | 0.540 | 0.240 |
| TAZB106*006L@5*** | B | 10 | 6 | 3.2 | 0.150 | 1.500 | 1.800 | 6 | 8 | 8 | 0.070 | 0.148 | 0.133 | 0.059 | 0.473 | 0.426 | 0.189 |
| TAZB106*006C@5*** | B | 10 | 6 | 8 | 0.150 | 1.500 | 1.800 | 6 | 8 | 8 | 0.070 | 0.094 | 0.084 | 0.037 | 0.748 | 0.673 | 0.299 |
| TAZD106*006L@5*** | D | 10 | 6 | 3 | 0.150 | 1.500 | 1.800 | 6 | 8 | 8 | 0.080 | 0.163 | 0.147 | 0.065 | 0.490 | 0.441 | 0.196 |
| TAZD106*006C@5*** | D | 10 | 6 | 6 | 0.150 | 1.500 | 1.800 | 6 | 8 | 8 | 0.080 | 0.115 | 0.104 | 0.046 | 0.693 | 0.624 | 0.277 |

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5V RMS with a maximum DC bias of 2.2 volts. DCL is measured at rated voltage after 5 minutes.

NOTE: AVX reserves the right to supply a higher voltage rating or tighter tolerance part in the same case size, to the same reliability standards.



TAZ SERIES

HRC5000 Medical Implantable Grade



| RATING & PART NUMBER REFERENCE | | Parametric Specifications by Rating | | | | | | | | | Typical RMS Ripple Data by Rating | | | | | | |
|--------------------------------|------|-------------------------------------|------------------|--------------|---------|--------|--------|--------|-------------|-------|-----------------------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|
| | | Cap @ 120Hz | DC Rated Voltage | ESR @ 100kHz | DCL max | | | DF Max | | | Power Dissipation | 25°C Ripple Current | 85°C Ripple Current | 125°C Ripple Current | 25°C Ripple Voltage | 85°C Ripple Voltage | 125°C Ripple Voltage |
| | | | | | +25°C | +85°C | +125°C | +25°C | +(85/125)°C | -55°C | | | | | | | |
| AVX P/N | Case | µF @ 25°C | V @ +85°C | Ohms @ +25°C | (µA) | (µA) | (µA) | (%) | (%) | (%) | W | A (100kHz) | A (100kHz) | A (100kHz) | V (100kHz) | V (100kHz) | V (100kHz) |
| TAZE106*006L@5+++ | E | 10 | 6 | 1 | 0.150 | 1.500 | 1.800 | 8 | 10 | 12 | 0.090 | 0.300 | 0.270 | 0.120 | 0.300 | 0.270 | 0.120 |
| TAZE106*006C@5+++ | E | 10 | 6 | 3.5 | 0.150 | 1.500 | 1.800 | 8 | 10 | 12 | 0.090 | 0.160 | 0.144 | 0.064 | 0.561 | 0.505 | 0.224 |
| TAZB156*006L@5+++ | B | 15 | 6 | 3.2 | 0.225 | 2.250 | 2.700 | 8 | 10 | 10 | 0.070 | 0.148 | 0.133 | 0.059 | 0.473 | 0.426 | 0.189 |
| TAZB156*006C@5+++ | B | 15 | 6 | 8 | 0.225 | 2.250 | 2.700 | 8 | 10 | 10 | 0.070 | 0.094 | 0.084 | 0.037 | 0.748 | 0.673 | 0.299 |
| TAZD156*006L@5+++ | D | 15 | 6 | 1.7 | 0.225 | 2.250 | 2.700 | 8 | 10 | 12 | 0.080 | 0.217 | 0.195 | 0.087 | 0.369 | 0.332 | 0.148 |
| TAZD156*006C@5+++ | D | 15 | 6 | 5 | 0.225 | 2.250 | 2.700 | 8 | 10 | 12 | 0.080 | 0.126 | 0.114 | 0.051 | 0.632 | 0.569 | 0.253 |
| TAZF156*006L@5+++ | F | 15 | 6 | 0.15 | 0.225 | 2.250 | 2.700 | 6 | 8 | 8 | 0.100 | 0.816 | 0.735 | 0.327 | 0.122 | 0.110 | 0.049 |
| TAZF156*006C@5+++ | F | 15 | 6 | 0.3 | 0.225 | 2.250 | 2.700 | 6 | 8 | 8 | 0.100 | 0.577 | 0.520 | 0.231 | 0.173 | 0.156 | 0.069 |
| TAZF226*006L@5+++ | F | 22 | 6 | 0.6 | 0.330 | 3.300 | 3.960 | 8 | 10 | 12 | 0.100 | 0.408 | 0.367 | 0.163 | 0.245 | 0.220 | 0.098 |
| TAZF226*006C@5+++ | F | 22 | 6 | 2.2 | 0.330 | 3.300 | 3.960 | 8 | 10 | 12 | 0.100 | 0.213 | 0.192 | 0.085 | 0.469 | 0.422 | 0.188 |
| TAZE336*006L@5+++ | E | 33 | 6 | 1 | 0.495 | 4.950 | 5.940 | 6 | 8 | 8 | 0.090 | 0.300 | 0.270 | 0.120 | 0.300 | 0.270 | 0.120 |
| TAZE336*006C@5+++ | E | 33 | 6 | 3.5 | 0.495 | 4.950 | 5.940 | 6 | 8 | 8 | 0.090 | 0.160 | 0.144 | 0.064 | 0.561 | 0.505 | 0.224 |
| TAZE476*006L@5+++ | E | 47 | 6 | 2.5 | 0.705 | 7.050 | 8.460 | 6 | 8 | 8 | 0.090 | 0.190 | 0.171 | 0.076 | 0.474 | 0.427 | 0.190 |
| TAZE476*006C@5+++ | E | 47 | 6 | 5 | 0.705 | 7.050 | 8.460 | 6 | 8 | 8 | 0.090 | 0.134 | 0.121 | 0.054 | 0.671 | 0.604 | 0.268 |
| TAZF476*006L@5+++ | F | 47 | 6 | 1 | 0.705 | 7.050 | 8.460 | 8 | 10 | 12 | 0.100 | 0.316 | 0.285 | 0.126 | 0.316 | 0.285 | 0.126 |
| TAZF476*006C@5+++ | F | 47 | 6 | 3.5 | 0.705 | 7.050 | 8.460 | 8 | 10 | 12 | 0.100 | 0.169 | 0.152 | 0.068 | 0.592 | 0.532 | 0.237 |
| TAZG476*006L@5+++ | G | 47 | 6 | 0.275 | 0.705 | 7.050 | 8.460 | 10 | 12 | 12 | 0.125 | 0.674 | 0.607 | 0.270 | 0.185 | 0.167 | 0.074 |
| TAZG476*006C@5+++ | G | 47 | 6 | 1.1 | 0.705 | 7.050 | 8.460 | 10 | 12 | 12 | 0.125 | 0.337 | 0.303 | 0.135 | 0.371 | 0.334 | 0.148 |
| TAZE686*006L@5+++ | E | 68 | 6 | 1 | 1.020 | 10.200 | 12.240 | 10 | 12 | 12 | 0.090 | 0.300 | 0.270 | 0.120 | 0.300 | 0.270 | 0.120 |
| TAZE686*006C@5+++ | E | 68 | 6 | 2 | 1.020 | 10.200 | 12.240 | 10 | 12 | 12 | 0.090 | 0.212 | 0.191 | 0.085 | 0.424 | 0.382 | 0.170 |
| TAZF686*006L@5+++ | F | 68 | 6 | 0.4 | 1.020 | 10.200 | 12.240 | 10 | 12 | 12 | 0.100 | 0.500 | 0.450 | 0.200 | 0.200 | 0.180 | 0.080 |
| TAZF686*006C@5+++ | F | 68 | 6 | 1.5 | 1.020 | 10.200 | 12.240 | 10 | 12 | 12 | 0.100 | 0.258 | 0.232 | 0.103 | 0.387 | 0.349 | 0.155 |
| TAZG686*006L@5+++ | G | 68 | 6 | 0.25 | 1.020 | 10.200 | 12.240 | 10 | 12 | 12 | 0.125 | 0.707 | 0.636 | 0.283 | 0.177 | 0.159 | 0.071 |
| TAZG686*006C@5+++ | G | 68 | 6 | 1 | 1.020 | 10.200 | 12.240 | 10 | 12 | 12 | 0.125 | 0.354 | 0.318 | 0.141 | 0.354 | 0.318 | 0.141 |
| TAZH686*006L@5+++ | H | 68 | 6 | 0.18 | 1.020 | 10.200 | 12.240 | 10 | 12 | 12 | 0.150 | 0.913 | 0.822 | 0.365 | 0.164 | 0.148 | 0.066 |
| TAZH686*006C@5+++ | H | 68 | 6 | 0.9 | 1.020 | 10.200 | 12.240 | 10 | 12 | 12 | 0.150 | 0.408 | 0.367 | 0.163 | 0.367 | 0.331 | 0.147 |
| TAZG107*006L@5+++ | G | 100 | 6 | 0.275 | 1.500 | 15.000 | 18.000 | 10 | 12 | 12 | 0.125 | 0.674 | 0.607 | 0.270 | 0.185 | 0.167 | 0.074 |
| TAZG107*006C@5+++ | G | 100 | 6 | 1.1 | 1.500 | 15.000 | 18.000 | 10 | 12 | 12 | 0.125 | 0.337 | 0.303 | 0.135 | 0.371 | 0.334 | 0.148 |
| TAZG157*006L@5+++ | G | 150 | 6 | 0.275 | 2.250 | 22.500 | 27.000 | 10 | 12 | 12 | 0.125 | 0.674 | 0.607 | 0.270 | 0.185 | 0.167 | 0.074 |
| TAZG157*006C@5+++ | G | 150 | 6 | 1.1 | 2.250 | 22.500 | 27.000 | 10 | 12 | 12 | 0.125 | 0.337 | 0.303 | 0.135 | 0.371 | 0.334 | 0.148 |
| TAZH307*006L@5+++ | H | 300 | 6 | 0.18 | 4.500 | 45.000 | 54.000 | 15 | 18 | 18 | 0.150 | 0.913 | 0.822 | 0.365 | 0.164 | 0.148 | 0.066 |
| TAZH307*006C@5+++ | H | 300 | 6 | 0.9 | 4.500 | 45.000 | 54.000 | 15 | 18 | 18 | 0.150 | 0.408 | 0.367 | 0.163 | 0.367 | 0.331 | 0.147 |
| TAZH337*006L@5+++ | H | 330 | 6 | 0.18 | 4.950 | 49.500 | 59.400 | 10 | 12 | 12 | 0.150 | 0.913 | 0.822 | 0.365 | 0.164 | 0.148 | 0.066 |
| TAZH337*006C@5+++ | H | 330 | 6 | 0.9 | 4.950 | 49.500 | 59.400 | 10 | 12 | 12 | 0.150 | 0.408 | 0.367 | 0.163 | 0.367 | 0.331 | 0.147 |
| TAZR334*010C@5+++ | R | 0.33 | 10 | 50 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.030 | 0.024 | 0.022 | 0.010 | 1.225 | 1.102 | 0.490 |
| TAZA105*010L@5+++ | A | 1 | 10 | 5 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.100 | 0.090 | 0.040 | 0.500 | 0.450 | 0.200 |
| TAZA105*010C@5+++ | A | 1 | 10 | 10 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.071 | 0.064 | 0.028 | 0.707 | 0.636 | 0.283 |
| TAZA155*010C@5+++ | A | 1.5 | 10 | 12 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.065 | 0.058 | 0.026 | 0.775 | 0.697 | 0.310 |

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5V RMS with a maximum DC bias of 2.2 volts. DCL is measured at rated voltage after 5 minutes.

NOTE: AVX reserves the right to supply a higher voltage rating or tighter tolerance part in the same case size, to the same reliability standards.



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TAZ SERIES

HRC5000 Medical Implantable Grade



| RATING & PART NUMBER REFERENCE | | Parametric Specifications by Rating | | | | | | | | | Typical RMS Ripple Data by Rating | | | | | | |
|--------------------------------|------|-------------------------------------|------------------|--------------|---------|-------|--------|--------|-------------|-------|-----------------------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|
| | | Cap @ 120Hz | DC Rated Voltage | ESR @ 100kHz | DCL max | | | DF Max | | | Power Dissipation | 25°C Ripple Current | 85°C Ripple Current | 125°C Ripple Current | 25°C Ripple Voltage | 85°C Ripple Voltage | 125°C Ripple Voltage |
| | | | | | +25°C | +85°C | +125°C | +25°C | +(85/125)°C | -55°C | | | | | | | |
| AVX P/N | Case | µF @ 25°C | V @ +85°C | Ohms @ +25°C | (µA) | (µA) | (µA) | (%) | (%) | (%) | W | A (100kHz) | A (100kHz) | A (100kHz) | V (100kHz) | V (100kHz) | V (100kHz) |
| TAZA225*010L@5*** | A | 2.2 | 10 | 6 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.091 | 0.082 | 0.037 | 0.548 | 0.493 | 0.219 |
| TAZA225*010C@5*** | A | 2.2 | 10 | 12 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.065 | 0.058 | 0.026 | 0.775 | 0.697 | 0.310 |
| TAZB225*010L@5*** | B | 2.2 | 10 | 3.2 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.148 | 0.133 | 0.059 | 0.473 | 0.426 | 0.189 |
| TAZB225*010C@5*** | B | 2.2 | 10 | 8 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.094 | 0.084 | 0.037 | 0.748 | 0.673 | 0.299 |
| TAZA335*010L@5*** | A | 3.3 | 10 | 6 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.091 | 0.082 | 0.037 | 0.548 | 0.493 | 0.219 |
| TAZA335*010C@5*** | A | 3.3 | 10 | 12 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.065 | 0.058 | 0.026 | 0.775 | 0.697 | 0.310 |
| TAZB335*010L@5*** | B | 3.3 | 10 | 9 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.088 | 0.079 | 0.035 | 0.794 | 0.714 | 0.317 |
| TAZB335*010C@5*** | B | 3.3 | 10 | 18 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.062 | 0.056 | 0.025 | 1.122 | 1.010 | 0.449 |
| TAZB475*010L@5*** | B | 4.7 | 10 | 3.2 | 0.200 | 2.000 | 2.400 | 6 | 8 | 8 | 0.070 | 0.148 | 0.133 | 0.059 | 0.473 | 0.426 | 0.189 |
| TAZB475*010C@5*** | B | 4.7 | 10 | 8 | 0.200 | 2.000 | 2.400 | 6 | 8 | 8 | 0.070 | 0.094 | 0.084 | 0.037 | 0.748 | 0.673 | 0.299 |
| TAZD475*010L@5*** | D | 4.7 | 10 | 1.5 | 0.200 | 2.000 | 2.400 | 6 | 8 | 8 | 0.080 | 0.231 | 0.208 | 0.092 | 0.346 | 0.312 | 0.139 |
| TAZD475*010C@5*** | D | 4.7 | 10 | 4.5 | 0.200 | 2.000 | 2.400 | 6 | 8 | 8 | 0.080 | 0.133 | 0.120 | 0.053 | 0.600 | 0.540 | 0.240 |
| TAZB685*010L@5*** | B | 6.8 | 10 | 3.2 | 0.170 | 1.700 | 2.040 | 6 | 8 | 8 | 0.070 | 0.148 | 0.133 | 0.059 | 0.473 | 0.426 | 0.189 |
| TAZB685*010C@5*** | B | 6.8 | 10 | 8 | 0.170 | 1.700 | 2.040 | 6 | 8 | 8 | 0.070 | 0.094 | 0.084 | 0.037 | 0.748 | 0.673 | 0.299 |
| TAZD685*010L@5*** | D | 6.8 | 10 | 1.7 | 0.170 | 1.700 | 2.040 | 6 | 8 | 8 | 0.080 | 0.217 | 0.195 | 0.087 | 0.369 | 0.332 | 0.148 |
| TAZD685*010C@5*** | D | 6.8 | 10 | 5 | 0.170 | 1.700 | 2.040 | 6 | 8 | 8 | 0.080 | 0.126 | 0.114 | 0.051 | 0.632 | 0.569 | 0.253 |
| TAZE685*010L@5*** | E | 6.8 | 10 | 1 | 0.170 | 1.700 | 2.040 | 6 | 8 | 8 | 0.090 | 0.300 | 0.270 | 0.120 | 0.300 | 0.270 | 0.120 |
| TAZE685*010C@5*** | E | 6.8 | 10 | 3.5 | 0.170 | 1.700 | 2.040 | 6 | 8 | 8 | 0.090 | 0.160 | 0.144 | 0.064 | 0.561 | 0.505 | 0.224 |
| TAZB106*010L@5*** | B | 10 | 10 | 3.2 | 0.250 | 2.500 | 3.000 | 8 | 10 | 10 | 0.070 | 0.148 | 0.133 | 0.059 | 0.473 | 0.426 | 0.189 |
| TAZB106*010C@5*** | B | 10 | 10 | 8 | 0.250 | 2.500 | 3.000 | 8 | 10 | 10 | 0.070 | 0.094 | 0.084 | 0.037 | 0.748 | 0.673 | 0.299 |
| TAZD106*010L@5*** | D | 10 | 10 | 1.3 | 0.250 | 2.500 | 3.000 | 6 | 8 | 8 | 0.080 | 0.248 | 0.223 | 0.099 | 0.322 | 0.290 | 0.129 |
| TAZD106*010C@5*** | D | 10 | 10 | 4 | 0.250 | 2.500 | 3.000 | 6 | 8 | 8 | 0.080 | 0.141 | 0.127 | 0.057 | 0.566 | 0.509 | 0.226 |
| TAZE106*010L@5*** | E | 10 | 10 | 1 | 0.250 | 2.500 | 3.000 | 6 | 8 | 8 | 0.090 | 0.300 | 0.270 | 0.120 | 0.300 | 0.270 | 0.120 |
| TAZE106*010C@5*** | E | 10 | 10 | 3.5 | 0.250 | 2.500 | 3.000 | 6 | 8 | 8 | 0.090 | 0.160 | 0.144 | 0.064 | 0.561 | 0.505 | 0.224 |
| TAZE146*010L@5*** | E | 14 | 10 | 1.5 | 0.350 | 3.500 | 4.200 | 6 | 8 | 8 | 0.090 | 0.245 | 0.220 | 0.098 | 0.367 | 0.331 | 0.147 |
| TAZE146*010C@5*** | E | 14 | 10 | 3 | 0.350 | 3.500 | 4.200 | 6 | 8 | 8 | 0.090 | 0.173 | 0.156 | 0.069 | 0.520 | 0.468 | 0.208 |
| TAZD156*010L@5*** | D | 15 | 10 | 1.7 | 0.375 | 3.750 | 4.500 | 6 | 8 | 8 | 0.080 | 0.217 | 0.195 | 0.087 | 0.369 | 0.332 | 0.148 |
| TAZD156*010C@5*** | D | 15 | 10 | 5 | 0.375 | 3.750 | 4.500 | 6 | 8 | 8 | 0.080 | 0.126 | 0.114 | 0.051 | 0.632 | 0.569 | 0.253 |
| TAZE156*010L@5*** | E | 15 | 10 | 0.9 | 0.375 | 3.750 | 4.500 | 8 | 10 | 10 | 0.090 | 0.316 | 0.285 | 0.126 | 0.285 | 0.256 | 0.114 |
| TAZE156*010C@5*** | E | 15 | 10 | 3 | 0.375 | 3.750 | 4.500 | 8 | 10 | 10 | 0.090 | 0.173 | 0.156 | 0.069 | 0.520 | 0.468 | 0.208 |
| TAZF156*010L@5*** | F | 15 | 10 | 0.7 | 0.375 | 3.750 | 4.500 | 8 | 8 | 10 | 0.100 | 0.378 | 0.340 | 0.151 | 0.265 | 0.238 | 0.106 |
| TAZF156*010C@5*** | F | 15 | 10 | 2.5 | 0.375 | 3.750 | 4.500 | 8 | 8 | 10 | 0.100 | 0.200 | 0.180 | 0.080 | 0.500 | 0.450 | 0.200 |
| TAZD226*010L@5*** | D | 22 | 10 | 4 | 0.550 | 5.500 | 6.600 | 6 | 8 | 8 | 0.080 | 0.141 | 0.127 | 0.057 | 0.566 | 0.509 | 0.226 |
| TAZD226*010C@5*** | D | 22 | 10 | 8 | 0.550 | 5.500 | 6.600 | 6 | 8 | 8 | 0.080 | 0.100 | 0.090 | 0.040 | 0.800 | 0.720 | 0.320 |
| TAZE226*010L@5*** | E | 22 | 10 | 0.6 | 0.550 | 5.500 | 6.600 | 8 | 10 | 10 | 0.090 | 0.387 | 0.349 | 0.155 | 0.232 | 0.209 | 0.093 |
| TAZE226*010C@5*** | E | 22 | 10 | 2 | 0.550 | 5.500 | 6.600 | 8 | 10 | 10 | 0.090 | 0.212 | 0.191 | 0.085 | 0.424 | 0.382 | 0.170 |
| TAZF226*010L@5*** | F | 22 | 10 | 1.5 | 0.550 | 5.500 | 6.600 | 8 | 10 | 10 | 0.100 | 0.258 | 0.232 | 0.103 | 0.387 | 0.349 | 0.155 |
| TAZF226*010C@5*** | F | 22 | 10 | 3 | 0.550 | 5.500 | 6.600 | 8 | 10 | 10 | 0.100 | 0.183 | 0.164 | 0.073 | 0.548 | 0.493 | 0.219 |

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5V RMS with a maximum DC bias of 2.2 volts. DCL is measured at rated voltage after 5 minutes.

NOTE: AVX reserves the right to supply a higher voltage rating or tighter tolerance part in the same case size, to the same reliability standards.



TAZ SERIES

HRC5000 Medical Implantable Grade



| RATING & PART NUMBER REFERENCE | | Parametric Specifications by Rating | | | | | | | | | Typical RMS Ripple Data by Rating | | | | | | |
|--------------------------------|------|-------------------------------------|------------------|--------------|---------|--------|--------|--------|-------------|-------|-----------------------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|
| | | Cap @ 120Hz | DC Rated Voltage | ESR @ 100kHz | DCL max | | | DF Max | | | Power Dissipation | 25°C Ripple Current | 85°C Ripple Current | 125°C Ripple Current | 25°C Ripple Voltage | 85°C Ripple Voltage | 125°C Ripple Voltage |
| | | | | | +25°C | +85°C | +125°C | +25°C | +(85/125)°C | -55°C | | | | | | | |
| AVX P/N | Case | µF @ 25°C | V @ +85°C | Ohms @ +25°C | (µA) | (µA) | (µA) | (%) | (%) | (%) | W | A (100kHz) | A (100kHz) | A (100kHz) | V (100kHz) | V (100kHz) | V (100kHz) |
| TAZF336*010L@5+++ | F | 33 | 10 | 0.4 | 0.825 | 8.250 | 9.900 | 8 | 10 | 10 | 0.100 | 0.500 | 0.450 | 0.200 | 0.200 | 0.180 | 0.080 |
| TAZF336*010C@5+++ | F | 33 | 10 | 1.5 | 0.825 | 8.250 | 9.900 | 8 | 10 | 10 | 0.100 | 0.258 | 0.232 | 0.103 | 0.387 | 0.349 | 0.155 |
| TAZG336*010L@5+++ | G | 33 | 10 | 0.275 | 0.825 | 8.250 | 9.900 | 10 | 12 | 12 | 0.125 | 0.674 | 0.607 | 0.270 | 0.185 | 0.167 | 0.074 |
| TAZG336*010C@5+++ | G | 33 | 10 | 1.1 | 0.825 | 8.250 | 9.900 | 10 | 12 | 12 | 0.125 | 0.337 | 0.303 | 0.135 | 0.371 | 0.334 | 0.148 |
| TAZF476*010L@5+++ | F | 47 | 10 | 0.4 | 1.175 | 11.750 | 14.100 | 10 | 12 | 12 | 0.100 | 0.500 | 0.450 | 0.200 | 0.200 | 0.180 | 0.080 |
| TAZF476*010C@5+++ | F | 47 | 10 | 1.5 | 1.175 | 11.750 | 14.100 | 10 | 12 | 12 | 0.100 | 0.258 | 0.232 | 0.103 | 0.387 | 0.349 | 0.155 |
| TAZG476*010L@5+++ | G | 47 | 10 | 0.25 | 1.175 | 11.750 | 14.100 | 10 | 12 | 12 | 0.125 | 0.707 | 0.636 | 0.283 | 0.177 | 0.159 | 0.071 |
| TAZG476*010C@5+++ | G | 47 | 10 | 1 | 1.175 | 11.750 | 14.100 | 10 | 12 | 12 | 0.125 | 0.354 | 0.318 | 0.141 | 0.354 | 0.318 | 0.141 |
| TAZH476*010L@5+++ | H | 47 | 10 | 0.18 | 1.175 | 11.750 | 14.100 | 10 | 12 | 12 | 0.150 | 0.913 | 0.822 | 0.365 | 0.164 | 0.148 | 0.066 |
| TAZH476*010C@5+++ | H | 47 | 10 | 0.9 | 1.175 | 11.750 | 14.100 | 10 | 12 | 12 | 0.150 | 0.408 | 0.367 | 0.163 | 0.367 | 0.331 | 0.147 |
| TAZG686*010L@5+++ | G | 68 | 10 | 0.275 | 1.700 | 17.000 | 20.400 | 10 | 12 | 12 | 0.125 | 0.674 | 0.607 | 0.270 | 0.185 | 0.167 | 0.074 |
| TAZG686*010C@5+++ | G | 68 | 10 | 1.1 | 1.700 | 17.000 | 20.400 | 10 | 12 | 12 | 0.125 | 0.337 | 0.303 | 0.135 | 0.371 | 0.334 | 0.148 |
| TAZH107*010L@5+++ | H | 100 | 10 | 0.18 | 2.500 | 25.000 | 30.000 | 10 | 12 | 12 | 0.150 | 0.913 | 0.822 | 0.365 | 0.164 | 0.148 | 0.066 |
| TAZH107*010C@5+++ | H | 100 | 10 | 0.9 | 2.500 | 25.000 | 30.000 | 10 | 12 | 12 | 0.150 | 0.408 | 0.367 | 0.163 | 0.367 | 0.331 | 0.147 |
| TAZH157*010L@5+++ | H | 150 | 10 | 0.18 | 3.750 | 37.500 | 45.000 | 10 | 12 | 12 | 0.150 | 0.913 | 0.822 | 0.365 | 0.164 | 0.148 | 0.066 |
| TAZH157*010C@5+++ | H | 150 | 10 | 0.9 | 3.750 | 37.500 | 45.000 | 10 | 12 | 12 | 0.150 | 0.408 | 0.367 | 0.163 | 0.367 | 0.331 | 0.147 |
| TAZH227*010L@5+++ | H | 220 | 10 | 0.18 | 5.500 | 55.000 | 66.000 | 10 | 12 | 12 | 0.150 | 0.913 | 0.822 | 0.365 | 0.164 | 0.148 | 0.066 |
| TAZH227*010C@5+++ | H | 220 | 10 | 0.9 | 5.500 | 55.000 | 66.000 | 10 | 12 | 12 | 0.150 | 0.408 | 0.367 | 0.163 | 0.367 | 0.331 | 0.147 |
| TAZE226*012L@5+++ | E | 22 | 12 | 0.25 | 0.660 | 6.600 | 7.920 | 6 | 8 | 8 | 0.090 | 0.600 | 0.540 | 0.240 | 0.150 | 0.135 | 0.060 |
| TAZE226*012C@5+++ | E | 22 | 12 | 0.5 | 0.660 | 6.600 | 7.920 | 6 | 8 | 8 | 0.090 | 0.424 | 0.382 | 0.170 | 0.212 | 0.191 | 0.085 |
| TAZA684*015L@5+++ | A | 0.68 | 15 | 6 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.091 | 0.082 | 0.037 | 0.548 | 0.493 | 0.219 |
| TAZA684*015C@5+++ | A | 0.68 | 15 | 12 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.065 | 0.058 | 0.026 | 0.775 | 0.697 | 0.310 |
| TAZA105*015L@5+++ | A | 1 | 15 | 7.5 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.082 | 0.073 | 0.033 | 0.612 | 0.551 | 0.245 |
| TAZA105*015C@5+++ | A | 1 | 15 | 15 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.058 | 0.052 | 0.023 | 0.866 | 0.779 | 0.346 |
| TAZA225*015L@5+++ | A | 2.2 | 15 | 7.5 | 0.200 | 2.000 | 2.400 | 6 | 8 | 8 | 0.050 | 0.082 | 0.073 | 0.033 | 0.612 | 0.551 | 0.245 |
| TAZA225*015C@5+++ | A | 2.2 | 15 | 15 | 0.200 | 2.000 | 2.400 | 6 | 8 | 8 | 0.050 | 0.058 | 0.052 | 0.023 | 0.866 | 0.779 | 0.346 |
| TAZB225*015L@5+++ | B | 2.2 | 15 | 2.75 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.160 | 0.144 | 0.064 | 0.439 | 0.395 | 0.175 |
| TAZB225*015C@5+++ | B | 2.2 | 15 | 5.5 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.113 | 0.102 | 0.045 | 0.620 | 0.558 | 0.248 |
| TAZB335*015L@5+++ | B | 3.3 | 15 | 3.6 | 0.290 | 2.900 | 3.480 | 6 | 8 | 8 | 0.070 | 0.139 | 0.125 | 0.056 | 0.502 | 0.452 | 0.201 |
| TAZB335*015C@5+++ | B | 3.3 | 15 | 9 | 0.290 | 2.900 | 3.480 | 6 | 8 | 8 | 0.070 | 0.088 | 0.079 | 0.035 | 0.794 | 0.714 | 0.317 |
| TAZD335*015L@5+++ | D | 3.3 | 15 | 1.7 | 0.124 | 1.240 | 1.488 | 6 | 8 | 8 | 0.080 | 0.217 | 0.195 | 0.087 | 0.369 | 0.332 | 0.148 |
| TAZD335*015C@5+++ | D | 3.3 | 15 | 5 | 0.124 | 1.240 | 1.488 | 6 | 8 | 8 | 0.080 | 0.126 | 0.114 | 0.051 | 0.632 | 0.569 | 0.253 |
| TAZB475*015L@5+++ | B | 4.7 | 15 | 2 | 0.250 | 2.500 | 3.000 | 6 | 8 | 8 | 0.070 | 0.187 | 0.168 | 0.075 | 0.374 | 0.337 | 0.150 |
| TAZB475*015C@5+++ | B | 4.7 | 15 | 5 | 0.250 | 2.500 | 3.000 | 6 | 8 | 8 | 0.070 | 0.118 | 0.106 | 0.047 | 0.592 | 0.532 | 0.237 |
| TAZD475*015L@5+++ | D | 4.7 | 15 | 2 | 0.250 | 2.500 | 3.000 | 6 | 8 | 8 | 0.080 | 0.200 | 0.180 | 0.080 | 0.400 | 0.360 | 0.160 |
| TAZD475*015C@5+++ | D | 4.7 | 15 | 6 | 0.250 | 2.500 | 3.000 | 6 | 8 | 8 | 0.080 | 0.115 | 0.104 | 0.046 | 0.693 | 0.624 | 0.277 |
| TAZE475*015L@5+++ | E | 4.7 | 15 | 1.2 | 0.245 | 2.450 | 2.940 | 6 | 8 | 8 | 0.090 | 0.274 | 0.246 | 0.110 | 0.329 | 0.296 | 0.131 |
| TAZE475*015C@5+++ | E | 4.7 | 15 | 4 | 0.245 | 2.450 | 2.940 | 6 | 8 | 8 | 0.090 | 0.150 | 0.135 | 0.060 | 0.600 | 0.540 | 0.240 |

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5V RMS with a maximum DC bias of 2.2 volts. DCL is measured at rated voltage after 5 minutes.

NOTE: AVX reserves the right to supply a higher voltage rating or tighter tolerance part in the same case size, to the same reliability standards.



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TAZ SERIES

HRC5000 Medical Implantable Grade



| RATING & PART NUMBER REFERENCE | | Parametric Specifications by Rating | | | | | | | | | Typical RMS Ripple Data by Rating | | | | | | |
|--------------------------------|------|-------------------------------------|------------------|--------------|---------|--------|--------|--------|-------------|-------|-----------------------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|
| | | Cap @ 120Hz | DC Rated Voltage | ESR @ 100kHz | DCL max | | | DF Max | | | Power Dissipation | 25°C Ripple Current | 85°C Ripple Current | 125°C Ripple Current | 25°C Ripple Voltage | 85°C Ripple Voltage | 125°C Ripple Voltage |
| | | | | | +25°C | +85°C | +125°C | +25°C | +(85/125)°C | -55°C | | | | | | | |
| AVX P/N | Case | µF @ 25°C | V @ +85°C | Ohms @ +25°C | (µA) | (µA) | (µA) | (%) | (%) | (%) | W | A (100kHz) | A (100kHz) | A (100kHz) | V (100kHz) | V (100kHz) | V (100kHz) |
| TAZD106*015L□L@5*** | D | 10 | 15 | 2 | 0.375 | 3.750 | 4.500 | 6 | 8 | 8 | 0.080 | 0.200 | 0.180 | 0.080 | 0.400 | 0.360 | 0.160 |
| TAZD106*015C□L@5*** | D | 10 | 15 | 6 | 0.375 | 3.750 | 4.500 | 6 | 8 | 8 | 0.080 | 0.115 | 0.104 | 0.046 | 0.693 | 0.624 | 0.277 |
| TAZE106*015L□L@5*** | E | 10 | 15 | 1.2 | 0.375 | 3.750 | 4.500 | 6 | 8 | 8 | 0.090 | 0.274 | 0.246 | 0.110 | 0.329 | 0.296 | 0.131 |
| TAZE106*015C□L@5*** | E | 10 | 15 | 4 | 0.375 | 3.750 | 4.500 | 6 | 8 | 8 | 0.090 | 0.150 | 0.135 | 0.060 | 0.600 | 0.540 | 0.240 |
| TAZF106*015L□L@5*** | F | 10 | 15 | 0.667 | 0.375 | 3.750 | 4.500 | 6 | 8 | 8 | 0.100 | 0.387 | 0.348 | 0.155 | 0.258 | 0.232 | 0.103 |
| TAZF106*015C□L@5*** | F | 10 | 15 | 2.5 | 0.375 | 3.750 | 4.500 | 6 | 8 | 8 | 0.100 | 0.200 | 0.180 | 0.080 | 0.500 | 0.450 | 0.200 |
| TAZE156*015L□L@5*** | E | 15 | 15 | 1.2 | 0.563 | 5.630 | 6.756 | 6 | 8 | 8 | 0.090 | 0.274 | 0.246 | 0.110 | 0.329 | 0.296 | 0.131 |
| TAZE156*015C□L@5*** | E | 15 | 15 | 4 | 0.563 | 5.630 | 6.756 | 6 | 8 | 8 | 0.090 | 0.150 | 0.135 | 0.060 | 0.600 | 0.540 | 0.240 |
| TAZF226*015L□L@5*** | F | 22 | 15 | 0.8 | 0.825 | 8.250 | 9.900 | 8 | 10 | 10 | 0.100 | 0.354 | 0.318 | 0.141 | 0.283 | 0.255 | 0.113 |
| TAZF226*015C□L@5*** | F | 22 | 15 | 3 | 0.825 | 8.250 | 9.900 | 8 | 10 | 10 | 0.100 | 0.183 | 0.164 | 0.073 | 0.548 | 0.493 | 0.219 |
| TAZG226*015L□L@5*** | G | 22 | 15 | 0.275 | 0.825 | 8.250 | 9.900 | 6 | 8 | 8 | 0.125 | 0.674 | 0.607 | 0.270 | 0.185 | 0.167 | 0.074 |
| TAZG226*015C□L@5*** | G | 22 | 15 | 1.1 | 0.825 | 8.250 | 9.900 | 6 | 8 | 8 | 0.125 | 0.337 | 0.303 | 0.135 | 0.371 | 0.334 | 0.148 |
| TAZF336*015L□L@5*** | F | 33 | 15 | 0.8 | 1.238 | 12.380 | 14.856 | 6 | 8 | 8 | 0.100 | 0.354 | 0.318 | 0.141 | 0.283 | 0.255 | 0.113 |
| TAZF336*015C□L@5*** | F | 33 | 15 | 3 | 1.238 | 12.380 | 14.856 | 6 | 8 | 8 | 0.100 | 0.183 | 0.164 | 0.073 | 0.548 | 0.493 | 0.219 |
| TAZH336*015L□L@5*** | H | 33 | 15 | 0.18 | 1.238 | 12.380 | 14.856 | 8 | 8 | 10 | 0.150 | 0.913 | 0.822 | 0.365 | 0.164 | 0.148 | 0.066 |
| TAZH336*015C□L@5*** | H | 33 | 15 | 0.9 | 1.238 | 12.380 | 14.856 | 8 | 8 | 10 | 0.150 | 0.408 | 0.367 | 0.163 | 0.367 | 0.331 | 0.147 |
| TAZG476*015L□L@5*** | G | 47 | 15 | 0.275 | 1.763 | 17.630 | 21.156 | 8 | 10 | 10 | 0.125 | 0.674 | 0.607 | 0.270 | 0.185 | 0.167 | 0.074 |
| TAZG476*015C□L@5*** | G | 47 | 15 | 1.1 | 1.763 | 17.630 | 21.156 | 8 | 10 | 10 | 0.125 | 0.337 | 0.303 | 0.135 | 0.371 | 0.334 | 0.148 |
| TAZH107*015L□L@5*** | H | 100 | 15 | 0.18 | 3.750 | 37.500 | 45.000 | 10 | 12 | 12 | 0.150 | 0.913 | 0.822 | 0.365 | 0.164 | 0.148 | 0.066 |
| TAZH107*015C□L@5*** | H | 100 | 15 | 0.9 | 3.750 | 37.500 | 45.000 | 10 | 12 | 12 | 0.150 | 0.408 | 0.367 | 0.163 | 0.367 | 0.331 | 0.147 |
| TAZA474*020L□L@5*** | A | 0.47 | 20 | 7.5 | 0.100 | 1.000 | 1.200 | 8 | 8 | 10 | 0.050 | 0.082 | 0.073 | 0.033 | 0.612 | 0.551 | 0.245 |
| TAZA474*020C□L@5*** | A | 0.47 | 20 | 14 | 0.100 | 1.000 | 1.200 | 8 | 8 | 10 | 0.050 | 0.060 | 0.054 | 0.024 | 0.837 | 0.753 | 0.335 |
| TAZA105*020L□L@5*** | A | 1 | 20 | 7.5 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.082 | 0.073 | 0.033 | 0.612 | 0.551 | 0.245 |
| TAZA105*020C□L@5*** | A | 1 | 20 | 15 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.058 | 0.052 | 0.023 | 0.866 | 0.779 | 0.346 |
| TAZB105*020L□L@5*** | B | 1 | 20 | 4.8 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.121 | 0.109 | 0.048 | 0.580 | 0.522 | 0.232 |
| TAZB105*020C□L@5*** | B | 1 | 20 | 12 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.076 | 0.069 | 0.031 | 0.917 | 0.825 | 0.367 |
| TAZB155*020L□L@5*** | B | 1.5 | 20 | 3.6 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.139 | 0.125 | 0.056 | 0.502 | 0.452 | 0.201 |
| TAZB155*020C□L@5*** | B | 1.5 | 20 | 9 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.088 | 0.079 | 0.035 | 0.794 | 0.714 | 0.317 |
| TAZB225*020L□L@5*** | B | 2.2 | 20 | 3.6 | 0.110 | 1.100 | 1.320 | 6 | 8 | 8 | 0.070 | 0.139 | 0.125 | 0.056 | 0.502 | 0.452 | 0.201 |
| TAZB225*020C□L@5*** | B | 2.2 | 20 | 9 | 0.110 | 1.100 | 1.320 | 6 | 8 | 8 | 0.070 | 0.088 | 0.079 | 0.035 | 0.794 | 0.714 | 0.317 |
| TAZD225*020L□L@5*** | D | 2.2 | 20 | 1.7 | 0.225 | 2.250 | 2.700 | 6 | 8 | 8 | 0.080 | 0.217 | 0.195 | 0.087 | 0.369 | 0.332 | 0.148 |
| TAZD225*020C□L@5*** | D | 2.2 | 20 | 5 | 0.225 | 2.250 | 2.700 | 6 | 8 | 8 | 0.080 | 0.126 | 0.114 | 0.051 | 0.632 | 0.569 | 0.253 |
| TAZE335*020L□L@5*** | E | 3.3 | 20 | 1.2 | 0.165 | 1.650 | 1.980 | 6 | 8 | 8 | 0.090 | 0.274 | 0.246 | 0.110 | 0.329 | 0.296 | 0.131 |
| TAZE335*020C□L@5*** | E | 3.3 | 20 | 4 | 0.165 | 1.650 | 1.980 | 6 | 8 | 8 | 0.090 | 0.150 | 0.135 | 0.060 | 0.600 | 0.540 | 0.240 |
| TAZD475*020L□L@5*** | D | 4.7 | 20 | 3 | 0.235 | 2.350 | 2.820 | 6 | 8 | 8 | 0.080 | 0.163 | 0.147 | 0.065 | 0.490 | 0.441 | 0.196 |
| TAZD475*020C□L@5*** | D | 4.7 | 20 | 6 | 0.235 | 2.350 | 2.820 | 6 | 8 | 8 | 0.080 | 0.115 | 0.104 | 0.046 | 0.693 | 0.624 | 0.277 |
| TAZE475*020L□L@5*** | E | 4.7 | 20 | 1.7 | 0.235 | 2.350 | 2.820 | 6 | 8 | 8 | 0.090 | 0.230 | 0.207 | 0.092 | 0.391 | 0.352 | 0.156 |
| TAZE475*020C□L@5*** | E | 4.7 | 20 | 6 | 0.235 | 2.350 | 2.820 | 6 | 8 | 8 | 0.090 | 0.122 | 0.110 | 0.049 | 0.735 | 0.661 | 0.294 |

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5V RMS with a maximum DC bias of 2.2 volts. DCL is measured at rated voltage after 5 minutes.

NOTE: AVX reserves the right to supply a higher voltage rating or tighter tolerance part in the same case size, to the same reliability standards.



TAZ SERIES

HRC5000 Medical Implantable Grade



| RATING & PART NUMBER REFERENCE | | Parametric Specifications by Rating | | | | | | | | | Typical RMS Ripple Data by Rating | | | | | | |
|--------------------------------|------|-------------------------------------|------------------|--------------|---------|--------|--------|--------|-------------|-------|-----------------------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|
| | | Cap @ 120Hz | DC Rated Voltage | ESR @ 100kHz | DCL max | | | DF Max | | | Power Dissipation | 25°C Ripple Current | 85°C Ripple Current | 125°C Ripple Current | 25°C Ripple Voltage | 85°C Ripple Voltage | 125°C Ripple Voltage |
| | | | | | +25°C | +85°C | +125°C | +25°C | +(85/125)°C | -55°C | | | | | | | |
| AVX P/N | Case | µF @ 25°C | V @ +85°C | Ohms @ +25°C | (µA) | (µA) | (µA) | (%) | (%) | (%) | W | A (100kHz) | A (100kHz) | A (100kHz) | V (100kHz) | V (100kHz) | V (100kHz) |
| TAZD685*020L@5*** | D | 6.8 | 20 | 2 | 0.450 | 4.500 | 5.400 | 6 | 8 | 8 | 0.080 | 0.200 | 0.180 | 0.080 | 0.400 | 0.360 | 0.160 |
| TAZD685*020C@5*** | D | 6.8 | 20 | 4 | 0.450 | 4.500 | 5.400 | 6 | 8 | 8 | 0.080 | 0.141 | 0.127 | 0.057 | 0.566 | 0.509 | 0.226 |
| TAZE685*020L@5*** | E | 6.8 | 20 | 1.5 | 0.450 | 4.500 | 5.400 | 6 | 8 | 8 | 0.090 | 0.245 | 0.220 | 0.098 | 0.367 | 0.331 | 0.147 |
| TAZE685*020C@5*** | E | 6.8 | 20 | 5 | 0.450 | 4.500 | 5.400 | 6 | 8 | 8 | 0.090 | 0.134 | 0.121 | 0.054 | 0.671 | 0.604 | 0.268 |
| TAZE106*020L@5*** | E | 10 | 20 | 1.5 | 0.500 | 5.000 | 6.000 | 6 | 8 | 8 | 0.090 | 0.245 | 0.220 | 0.098 | 0.367 | 0.331 | 0.147 |
| TAZE106*020C@5*** | E | 10 | 20 | 5 | 0.500 | 5.000 | 6.000 | 6 | 8 | 8 | 0.090 | 0.134 | 0.121 | 0.054 | 0.671 | 0.604 | 0.268 |
| TAZF156*020L@5*** | F | 15 | 20 | 0.8 | 0.750 | 7.500 | 9.000 | 6 | 8 | 8 | 0.100 | 0.354 | 0.318 | 0.141 | 0.283 | 0.255 | 0.113 |
| TAZF156*020C@5*** | F | 15 | 20 | 3 | 0.750 | 7.500 | 9.000 | 6 | 8 | 8 | 0.100 | 0.183 | 0.164 | 0.073 | 0.548 | 0.493 | 0.219 |
| TAZG156*020L@5*** | G | 15 | 20 | 0.275 | 0.750 | 7.500 | 9.000 | 6 | 8 | 8 | 0.125 | 0.674 | 0.607 | 0.270 | 0.185 | 0.167 | 0.074 |
| TAZG156*020C@5*** | G | 15 | 20 | 1.1 | 0.750 | 7.500 | 9.000 | 6 | 8 | 8 | 0.125 | 0.337 | 0.303 | 0.135 | 0.371 | 0.334 | 0.148 |
| TAZG226*020L@5*** | G | 22 | 20 | 0.625 | 1.100 | 11.000 | 13.200 | 6 | 8 | 8 | 0.125 | 0.447 | 0.402 | 0.179 | 0.280 | 0.252 | 0.112 |
| TAZG226*020C@5*** | G | 22 | 20 | 2.5 | 1.100 | 11.000 | 13.200 | 6 | 8 | 8 | 0.125 | 0.224 | 0.201 | 0.089 | 0.559 | 0.503 | 0.224 |
| TAZH226*020L@5*** | H | 22 | 20 | 0.18 | 1.100 | 11.000 | 13.200 | 6 | 8 | 8 | 0.150 | 0.913 | 0.822 | 0.365 | 0.164 | 0.148 | 0.066 |
| TAZH226*020C@5*** | H | 22 | 20 | 0.9 | 1.100 | 11.000 | 13.200 | 6 | 8 | 8 | 0.150 | 0.408 | 0.367 | 0.163 | 0.367 | 0.331 | 0.147 |
| TAZH476*020L@5*** | H | 47 | 20 | 0.18 | 2.350 | 23.500 | 28.200 | 8 | 10 | 10 | 0.150 | 0.913 | 0.822 | 0.365 | 0.164 | 0.148 | 0.066 |
| TAZH476*020C@5*** | H | 47 | 20 | 0.9 | 2.350 | 23.500 | 28.200 | 8 | 10 | 10 | 0.150 | 0.408 | 0.367 | 0.163 | 0.367 | 0.331 | 0.147 |
| TAZA334*025L@5*** | A | 0.33 | 25 | 7.5 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.082 | 0.073 | 0.033 | 0.612 | 0.551 | 0.245 |
| TAZA334*025C@5*** | A | 0.33 | 25 | 15 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.058 | 0.052 | 0.023 | 0.866 | 0.779 | 0.346 |
| TAZB105*025L@5*** | B | 1 | 25 | 4 | 0.160 | 1.600 | 1.920 | 6 | 8 | 8 | 0.070 | 0.132 | 0.119 | 0.053 | 0.529 | 0.476 | 0.212 |
| TAZB105*025C@5*** | B | 1 | 25 | 10 | 0.160 | 1.600 | 1.920 | 6 | 8 | 8 | 0.070 | 0.084 | 0.075 | 0.033 | 0.837 | 0.753 | 0.335 |
| TAZD155*025L@5*** | D | 1.5 | 25 | 1.7 | 0.200 | 2.000 | 2.400 | 6 | 8 | 8 | 0.080 | 0.217 | 0.195 | 0.087 | 0.369 | 0.332 | 0.148 |
| TAZD155*025C@5*** | D | 1.5 | 25 | 6.5 | 0.200 | 2.000 | 2.400 | 6 | 8 | 8 | 0.080 | 0.111 | 0.100 | 0.044 | 0.721 | 0.649 | 0.288 |
| TAZD225*025L@5*** | D | 2.2 | 25 | 2 | 0.215 | 2.150 | 2.580 | 6 | 8 | 8 | 0.080 | 0.200 | 0.180 | 0.080 | 0.400 | 0.360 | 0.160 |
| TAZD225*025C@5*** | D | 2.2 | 25 | 6 | 0.215 | 2.150 | 2.580 | 6 | 8 | 8 | 0.080 | 0.115 | 0.104 | 0.046 | 0.693 | 0.624 | 0.277 |
| TAZE225*025L@5*** | E | 2.2 | 25 | 1 | 0.230 | 2.300 | 2.760 | 6 | 8 | 8 | 0.090 | 0.300 | 0.270 | 0.120 | 0.300 | 0.270 | 0.120 |
| TAZE225*025C@5*** | E | 2.2 | 25 | 3.5 | 0.230 | 2.300 | 2.760 | 6 | 8 | 8 | 0.090 | 0.160 | 0.144 | 0.064 | 0.561 | 0.505 | 0.224 |
| TAZE335*025L@5*** | E | 3.3 | 25 | 1.2 | 0.245 | 2.450 | 2.940 | 6 | 8 | 8 | 0.090 | 0.274 | 0.246 | 0.110 | 0.329 | 0.296 | 0.131 |
| TAZE335*025C@5*** | E | 3.3 | 25 | 4 | 0.245 | 2.450 | 2.940 | 6 | 8 | 8 | 0.090 | 0.150 | 0.135 | 0.060 | 0.600 | 0.540 | 0.240 |
| TAZF475*025L@5*** | F | 4.7 | 25 | 0.7 | 0.294 | 2.940 | 3.528 | 6 | 8 | 8 | 0.100 | 0.378 | 0.340 | 0.151 | 0.265 | 0.238 | 0.106 |
| TAZF475*025C@5*** | F | 4.7 | 25 | 2.5 | 0.294 | 2.940 | 3.528 | 6 | 8 | 8 | 0.100 | 0.200 | 0.180 | 0.080 | 0.500 | 0.450 | 0.200 |
| TAZF685*025L@5*** | F | 6.8 | 25 | 0.8 | 0.425 | 4.250 | 5.100 | 6 | 8 | 8 | 0.100 | 0.354 | 0.318 | 0.141 | 0.283 | 0.255 | 0.113 |
| TAZF685*025C@5*** | F | 6.8 | 25 | 3 | 0.425 | 4.250 | 5.100 | 6 | 8 | 8 | 0.100 | 0.183 | 0.164 | 0.073 | 0.548 | 0.493 | 0.219 |
| TAZG106*025L@5*** | G | 10 | 25 | 0.35 | 0.625 | 6.250 | 7.500 | 6 | 8 | 8 | 0.125 | 0.598 | 0.538 | 0.239 | 0.209 | 0.188 | 0.084 |
| TAZG106*025C@5*** | G | 10 | 25 | 1.4 | 0.625 | 6.250 | 7.500 | 6 | 8 | 8 | 0.125 | 0.299 | 0.269 | 0.120 | 0.418 | 0.376 | 0.167 |
| TAZH226*025L@5*** | H | 22 | 25 | 0.18 | 1.375 | 13.750 | 16.500 | 6 | 8 | 8 | 0.150 | 0.913 | 0.822 | 0.365 | 0.164 | 0.148 | 0.066 |
| TAZH226*025C@5*** | H | 22 | 25 | 0.9 | 1.375 | 13.750 | 16.500 | 6 | 8 | 8 | 0.150 | 0.408 | 0.367 | 0.163 | 0.367 | 0.331 | 0.147 |
| TAZA224*035L@5*** | A | 0.22 | 35 | 12 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.065 | 0.058 | 0.026 | 0.775 | 0.697 | 0.310 |
| TAZA224*035C@5*** | A | 0.22 | 35 | 18 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.053 | 0.047 | 0.021 | 0.949 | 0.854 | 0.379 |

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5V RMS with a maximum DC bias of 2.2 volts. DCL is measured at rated voltage after 5 minutes.

NOTE: AVX reserves the right to supply a higher voltage rating or tighter tolerance part in the same case size, to the same reliability standards.



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TAZ SERIES

HRC5000 Medical Implantable Grade



| RATING & PART NUMBER REFERENCE | | Parametric Specifications by Rating | | | | | | | | | Typical RMS Ripple Data by Rating | | | | | | |
|--------------------------------|------|-------------------------------------|------------------|--------------|---------|-------|--------|--------|-------------|-------|-----------------------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|
| | | Cap @ 120Hz | DC Rated Voltage | ESR @ 100kHz | DCL max | | | DF Max | | | Power Dissipation | 25°C Ripple Current | 85°C Ripple Current | 125°C Ripple Current | 25°C Ripple Voltage | 85°C Ripple Voltage | 125°C Ripple Voltage |
| | | | | | +25°C | +85°C | +125°C | +25°C | +(85/125)°C | -55°C | | | | | | | |
| AVX P/N | Case | µF @ 25°C | V @ +85°C | Ohms @ +25°C | (µA) | (µA) | (µA) | (%) | (%) | (%) | W | A (100kHz) | A (100kHz) | A (100kHz) | V (100kHz) | V (100kHz) | V (100kHz) |
| TAZB474*035L@5+++ | B | 0.47 | 35 | 6.8 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.101 | 0.091 | 0.041 | 0.690 | 0.621 | 0.276 |
| TAZB474*035C@5+++ | B | 0.47 | 35 | 10 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.070 | 0.084 | 0.075 | 0.033 | 0.837 | 0.753 | 0.335 |
| TAZD105*035L@5+++ | D | 1 | 35 | 2.2 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.080 | 0.191 | 0.172 | 0.076 | 0.420 | 0.378 | 0.168 |
| TAZD105*035C@5+++ | D | 1 | 35 | 6.5 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.080 | 0.111 | 0.100 | 0.044 | 0.721 | 0.649 | 0.288 |
| TAZF335*035L@5+++ | F | 3.3 | 35 | 0.7 | 0.289 | 2.890 | 3.468 | 6 | 8 | 8 | 0.100 | 0.378 | 0.340 | 0.151 | 0.265 | 0.238 | 0.106 |
| TAZF335*035C@5+++ | F | 3.3 | 35 | 2.5 | 0.289 | 2.890 | 3.468 | 6 | 8 | 8 | 0.100 | 0.200 | 0.180 | 0.080 | 0.500 | 0.450 | 0.200 |
| TAZH106*035L@5+++ | H | 10 | 35 | 0.5 | 0.875 | 8.750 | 10.500 | 8 | 10 | 10 | 0.150 | 0.548 | 0.493 | 0.219 | 0.274 | 0.246 | 0.110 |
| TAZH106*035C@5+++ | H | 10 | 35 | 0.9 | 0.875 | 8.750 | 10.500 | 8 | 10 | 10 | 0.150 | 0.408 | 0.367 | 0.163 | 0.367 | 0.331 | 0.147 |
| TAZA104*050L@5+++ | A | 0.1 | 50 | 12 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.065 | 0.058 | 0.026 | 0.775 | 0.697 | 0.310 |
| TAZA104*050C@5+++ | A | 0.1 | 50 | 22 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.048 | 0.043 | 0.019 | 1.049 | 0.944 | 0.420 |
| TAZA154*050L@5+++ | A | 0.15 | 50 | 12 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.065 | 0.058 | 0.026 | 0.775 | 0.697 | 0.310 |
| TAZA154*050C@5+++ | A | 0.15 | 50 | 17 | 0.100 | 1.000 | 1.200 | 6 | 8 | 8 | 0.050 | 0.054 | 0.049 | 0.022 | 0.922 | 0.830 | 0.369 |
| TAZE105*050L@5+++ | E | 1 | 50 | 1.7 | 0.125 | 1.250 | 1.500 | 6 | 8 | 8 | 0.090 | 0.230 | 0.207 | 0.092 | 0.391 | 0.352 | 0.156 |
| TAZE105*050C@5+++ | E | 1 | 50 | 6 | 0.125 | 1.250 | 1.500 | 6 | 8 | 8 | 0.090 | 0.122 | 0.110 | 0.049 | 0.735 | 0.661 | 0.294 |
| TAZF225*050L@5+++ | F | 2.2 | 50 | 0.7 | 0.275 | 2.750 | 3.300 | 6 | 8 | 8 | 0.100 | 0.378 | 0.340 | 0.151 | 0.265 | 0.238 | 0.106 |
| TAZF225*050C@5+++ | F | 2.2 | 50 | 2.5 | 0.275 | 2.750 | 3.300 | 6 | 8 | 8 | 0.100 | 0.200 | 0.180 | 0.080 | 0.500 | 0.450 | 0.200 |
| TAZG335*050L@5+++ | G | 3.3 | 50 | 0.5 | 0.413 | 4.130 | 4.956 | 6 | 8 | 8 | 0.125 | 0.500 | 0.450 | 0.200 | 0.250 | 0.225 | 0.100 |
| TAZG335*050C@5+++ | G | 3.3 | 50 | 2 | 0.413 | 4.130 | 4.956 | 6 | 8 | 8 | 0.125 | 0.250 | 0.225 | 0.100 | 0.500 | 0.450 | 0.200 |

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