

TAZ SERIES

HRC5000 Medical Implantable Grade

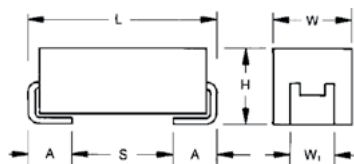


GENERAL DESCRIPTION

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 KYOCERA 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 ₁)	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

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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 KYOCERA 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									

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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							
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: KYOCERA 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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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							
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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□C@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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: KYOCERA 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							
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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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.

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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							
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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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.

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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							
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: KYOCERA 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							
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.

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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							
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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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□L@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

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.

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