

HYBRID CAPACITOR QUICK REFERENCE GUIDE

PART NUMBER	DSCC PN	Voltage 85°C	Voltage 125°C	Cap 120HZ (µF)	ESR 1 KHZ max (mΩ)	Drawing Style	HEIGHT (H) (in)
THQ1010503	04001-01	10	6	50,000	50	THQ	0.312
THQ1016303	04001-02	16	9.5	30,000	560	THQ	0.312
THQ1025183	04001-03	25	15	18,000	50	THQ	0.312
THQ1035123	04001-04	35	21	12,000	50	THQ	0.312
THQ1050802	04001-05	50	30	8,000	60	THQ	0.312
THQ1063402	04001-06	63	37.5	4,000	10	THQ	0.312
THQ1080282	04001-07	80	48	2,800	10	THQ	0.312
THQ1100192	04001-08	100	60	1,900	125	THQ	0.312
THQ1110152	04001-09	110	66	1,500	200	THQ	0.312
THQ1125112	04001-10	125	75	1,100	200	THQ	0.312

PART NUMBER	DSCC PN	Voltage 85°C	Voltage 125°C	Cap 120HZ (µF)	ESR 1 KHZ max (mΩ)	Drawing Style	HEIGHT (H) (in)
THQ3010154	04003-01	10	6	150,000	25	THQ	0.608
THQ3016903	04003-02	16	9.5	90,000	25	THQ	0.608
THQ3025543	04003-03	25	15	54,000	35	THQ	0.608
THQ3035363	04003-04	35	21	36,000	35	THQ	0.608
THQ3050243	04003-05	50	30	24,000	35	THQ	0.608
THQ3063123	04003-06	63	37.5	12,000	35	THQ	0.608
THQ3080822	04003-07	80	48	8,200	40	THQ	0.608
THQ3100572	04003-08	100	60	5,700	50	THQ	0.608
THQ3110452	04003-09	110	66	4,500	75	THQ	0.608
THQ3125332	04003-10	125	75	3,300	75	THQ	0.608

PART NUMBER	DSCC PN	Voltage 85°C	Voltage 125°C	Cap 120HZ (µF)	ESR 1 KHZ max (mΩ)	Drawing Style	HEIGHT (H) (in)
THQ4010204	09022-01	10	6	200,000	25	THQ	0.725
THQ4016124	09022-02	16	9.5	120,000	25	THQ	0.725
THQ4025703	09022-03	25	15	70,000	25	THQ	0.725
THQ4035503	09022-04	35	21	50,000	25	THQ	0.725
THQ4050303	09022-05	50	30	30,000	25	THQ	0.725
THQ4063163	09022-06	63	37.5	16,000	35	THQ	0.725
THQ4080113	09022-07	80	48	11,000	35	THQ	0.725
THQ4100752	09022-08	100	60	7,500	35	THQ	0.725
THQ4110602	NA	110	66	6,000	50	THQ	0.725
THQ4125452	09022-09	125	75	4,500	50	THQ	0.725

PART NUMBER	DSCC PN	Voltage 85°C	Voltage 125°C	Cap 120HZ (µF)	ESR 1 KHZ max (mΩ)	Drawing Style	HEIGHT (H) (in)
THQ5010204	04004-01	10	6	200,000	25	THQ	0.765
THQ5016124	04004-02	16	9.5	120,000	25	THQ	0.765
THQ5025703	04004-03	25	15	70,000	25	THQ	0.765
THQ5035503	04004-04	35	21	50,000	258	THQ	0.765
THQ5050303	04004-05	50	30	30,000	25	THQ	0.765
THQ5063163	04004-06	63	37.5	16,000	35	THQ	0.765
THQ5080113	04004-07	80	48	11,000	35	THQ	0.765
THQ5100752	04004-08	100	60	7,500	35	THQ	0.765
THQ5125452	04004-09	125	75	4,500	50	THQ	0.765

PART NUMBER	DSCC PN	Voltage 85°C	Voltage 125°C	Cap 120HZ (µF)	ESR 1 KHZ max (mΩ)	Drawing Style	HEIGHT (H) (in)
THS3010204	09021-01	10	6	200,000	25	THS	0.615
THS3016124	09021-02	16	9.5	130,000	25	THS	0.615
THS3025753	09021-03	25	15	75,000	35	THS	0.615
THS3035503	09021-04	35	20	50,000	35	THS	0.615
THS3050303	09021-05	50	30	30,000	35	THS	0.615
THS3063163	09021-06	63	38	16,000	35	THS	0.615
THS3080103	09021-07	80	48	10,000	40	THS	0.615
THS3085902	09021-08	85	51	9,000	50	THS	0.615
THS3100702	09021-09	100	60	7,000	50	THS	0.615
THS3110602	09021-10	110	65	6,000	65	THS	0.615
THS3125422	09021-11	125	75	4,200	65	THS	0.615

STUD SUFFIX	STUD TYPE	Drawing Style	STUD HEIGHT	Drawing Style	STUD HEIGHT
SM00	2.56 THD	THQ-SM	0.220	THS-SM	0.210
SM01	2.56 THD	THQ-SM	0.280	THS-SM	0.270
SM02	2.56 THD	THQ-SM	0.410	THS-SM	0.400
SM03	2.56 THD	THQ-SM	0.160	THS-SM	0.150
SM04	2.56 THD	THQ-SM	0.190	THS-SM	0.180
SM05	2.56 THD	THQ-SM	0.360	THS-SM	0.350

STUDS CAN BE ADDED TO ANY THQ OR THS STYLE  
PART. (e.g. THQ3050243-SM01)

PART NUMBER	DSCC PN	Voltage 85°C	Voltage 125°C	Cap 120HZ (µF)	ESR 1 KHZ max (mΩ)	Drawing Style	HEIGHT (H) (in)
THQA2010103	04005-01	10	6	10,000	200	A2	0.274
THQA2016502	04005-02	16	9.5	5,000	200	A2	0.274
THQA2025382	04005-03	25	15	3,800	200	A2	0.274
THQA2030302	04005-04	30	18	3,000	250	A2	0.274
THQA2035252	04005-05	35	21	2,500	250	A2	0.274
THQA2050152	04005-06	50	30	1,500	250	A2	0.274
THQA2060871	04005-07	60	36	870	350	A2	0.274
THQA2075561	04005-08	75	45	560	500	A2	0.274
THQA2100361	04005-09	100	60	360	800	A2	0.274
THQA2125211	04005-10	125	75	215	1250	A2	0.274

PART NUMBER	DSCC PN	Voltage 85°C	Voltage 125°C	Cap 120HZ (µF)	ESR 1 KHZ max (mΩ)	Drawing Style	HEIGHT (H) (in)
THQM2010103	04005-11	10	6	10,000	200	M2	0.450
THQM2016502	04005-12	16	9.5	5,000	200	M2	0.450
THQM2025382	04005-13	25	15	3,800	200	M2	0.450
THQM2030302	04005-14	30	18	3,000	250	M2	0.450
THQM2035252	04005-15	35	21	2,500	250	M2	0.450
THQM2050152	04005-16	50	30	1,500	250	M2	0.450
THQM2060871	04005-17	60	36	870	350	M2	0.450
THQM2075561	04005-18	75	45	560	500	M2	0.450
THQM2100361	04005-19	100	60	360	800	M2	0.450
THQM2125211	04005-20	125	75	215	1250	M2	0.450

PART NUMBER	DSCC PN	Voltage 85°C	Voltage 125°C	Cap 120HZ (µF)	ESR 1 KHZ max (mΩ)	Drawing Style	HEIGHT (H) (in)
THQS2008133	NA	8	4.8	13,000	200	S2	0.341
THQS2010103	NA	10	6	10,000	200	S2	0.341
THQS2016622	NA	16	9.5	6,250	200	S2	0.341
THQS2025442	NA	25	15	4,400	200	S2	0.341
THQS2035292	NA	35	21	2,900	250	S2	0.341
THQS2050162	NA	50	30	1,600	250	S2	0.341

PART NUMBER	DSCC PN	Voltage 85°C	Voltage 125°C	Cap 120HZ (µF)	ESR 120HZ max (Ω)	Drawing Style	Length(L) / Diameter(D)
HCB075111	93026-46	75	50	110	1.3	HC	.641 / .281
HCB100680	93026-50	100	65	68	2.1	HC	.641 / .281
HCD050681	93026-40	50	30	680	0.7	HC	1.062 / 0.375
HCD075471	93026-48	75	50	470	0.9	HC	1.062 / 0.375
HCD100221	93026-52	100	65	220	1.2	HC	1.062 / 0.375
HCD125151	93026-56	125	85	15	1.6	HC	1.062 / 0.375

PART NUMBER	DSCC PN	Voltage 175°C	Voltage 200°C	Cap 120HZ (µF)	ESR 1 KHZ max (mΩ)	Drawing Style	HEIGHT (H) (in)
THQA2075561HT	NA	37.5	30	560	500	A2	0.274
THQA2100361HT	NA	50	40	360	800	A2	0.274
THQA2125211HT	NA	62.5	50	215	1250	A2	0.274

PART NUMBER	DSCC PN	Voltage 175°C	Voltage 200°C	Cap 120HZ (µF)	ESR 120HZ max (mΩ)	Drawing Style	Length(L) / Diameter(D)
HCB075111HT	NA	50	45	110	1.3	HC	.641 / .281
HCB100680HT	NA	70	60	68	2.1	HC	.641 / .281
HCD050681HT	NA	35	30	680	0.7	HC	1.062 / 0.375
HCD075471HT	NA	50	45	470	0.9	HC	1.062 / 0.375
HCD100221HT	NA	70	60	220	1.2	HC	1.062 / 0.375
HCD125151HT	NA	85	75	150	1.6	HC	1.062 / 0.375

PART NUMBER	DSCC PN	Voltage 705°C	Voltage 125°C	Cap 120HZ (µF)	ESR 1 KHZ max (mΩ)	Drawing Style
HQ1010503	04002-01	10	NA	50,000	50	HQ1
HQ1016363	04002-02	16	NA	36,000	50	HQ1
HQ1025233	04002-03	25	NA	23,000	50	HQ1
HQ1035123	04002-04	35	NA	12,000	50	HQ1
HQ1050802	04002-05	50	NA	8,000	60	HQ1
HQ1063402	04002-06	63	NA	4,000	10	HQ1
HQ1080282	04002-07	80	NA	2,800	10	HQ1
HQ1100192	04002-08	100	NA	1,900	125	HQ1
HQ1110152	04002-09	110	NA	1,500	200	HQ1
HQ1125112	04002-10	125	NA	1,100	200	HQ1

PART NUMBER	DSCC PN	Voltage 85°C	Voltage 125°C	Cap 120HZ (µF)	ESR 120HZ max (mΩ)	Drawing Style	Length(L) / Diameter(D)
HCED028542	NA	25	15	5,400	0.25	HC	1.062 / 0.375
HCED035392	NA	35	21	3,900	0.30	HC	1.062 / 0.375
HCED050222	NA	50	30	2,200	0.40	HC	1.062 / 0.375
HCED060182	NA	60	36	1,800	0.50	HC	1.062 / 0.375
HCED075152	NA	75	45	1,500	0.70	HC	1.062 / 0.375
HCED100471	NA	100	60	470	0.90	HC	1.062 / 0.375
HCED100681	NA	100	60	680	0.90	HC	1.062 / 0.375
HCED125471	NA	125	75	470	1.00	HC	1.062 / 0.375
HCEB100221	NA	100	60	220	1.30	HC	.641 / .281

