

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

STUD SUFFIX	STUD TYPE	STUD HEIGHT	Drawing Style	Drawing Style
SM	2.56 THD	0.220	THQ-SM	THS-SM
SM01	2.56 THD	0.280	THQ-SM	THS-SM
SM02	2.56 THD	0.410	THQ-SM	THS-SM
SM03	2.56 THD	0.160	THQ-SM	THS-SM
SM04	2.56 THD	0.190	THQ-SM	THS-SM

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)
THS3010204	09021-01	10	6	200,000	25	THS	0.615
THS3016124	09021-02	16	9.5	130,000	25	THS	0.615
THS3025703	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

PART NUMBER	DSCC PN	Voltage 85°C	Voltage 125°C	Cap 120HZ (µF)	ESR 1 KHZ max (mΩ)	Drawing Style	HEIGHT (H) (in)
THM2010103	04005-11	10	6	10,000	200	M2	0.450
THM2016502	04005-12	16	9.5	5,000	200	M2	0.450
THM2025382	04005-13	25	15	3,800	200	M2	0.450
THM2030302	04005-14	30	18	3,000	250	M2	0.450
THM2035252	04005-15	35	21	2,500	250	M2	0.450
THM2050152	04005-16	50	30	1,500	250	M2	0.450
THM2060871	04005-17	60	36	870	350	M2	0.450
THM2075561	04005-18	75	45	560	500	M2	0.450
THM2100361	04005-19	100	60	360	800	M2	0.450
THM2125211	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)
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 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 120HZ max (mΩ)	Drawing Style	Length(L) / Diameter(D)
HCB075111HT	NA	50	45	110	1.3	HC	.641 / .281
HCB100680HT	NA	70	60	68	1.2	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	HEIGHT (H) (in)
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)
HCED025542	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

