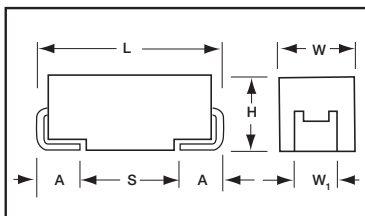


DSCC Dwgs 07016 & 95158



COTS-Plus



MARKING

(Brown marking on gold body)



Polarity Stripe (+)
Capacitance Code
Rated Voltage
Manufacturer's ID
Lot Number

The DSCC 07016 & 95158 families, based on the CWR11 form factor, are high reliability series encompassing the current range of EIA Low ESR ratings. DSCC 07016 has the widest range of case sizes, capacitance / voltage ratings, and is offered with Weibull Grade "B" and "C" reliability with all MIL-PRF-55365 Rev. G surge test options ("A", "B" & "C").

For Space Level applications, AVX SRC9000 qualification is recommend. Please refer to the TBJ COTS-Plus SRC9000 datasheet for part number availability.

There are four termination finishes available: solder plated, fused solder plated, hot solder dipped and gold plated (these correspond to "H", "K", "C" and "B" termination, respectively, per MIL-PRF-55365).

The molding compound has been selected to meet the requirements of UL94V-0 (Flame Retardancy) and outgassing requirements of NASA SP-R-0022A.

The "E" and "V" case size components are considered to be MSL 3 in accordance with J-STD-020.

CASE DIMENSIONS: millimeters (inches)

Code	EIA Code	EIA Metric	L±0.20 (0.008)	W+0.20 (0.008) -0.10 (0.004)	H+0.20 (0.008) -0.10 (0.004)	W ₁ ±0.20 (0.008)	A+0.30 (0.012) -0.20 (0.008)	S Min.
A	1206	3216-18	3.20 (0.126)	1.60 (0.063)	1.60 (0.063)	1.20 (0.047)	0.80 (0.031)	1.10 (0.043)
B	1210	3528-21	3.50 (0.138)	2.80 (0.110)	1.90 (0.075)	2.20 (0.087)	0.80 (0.031)	1.40 (0.055)
C	2312	6032-28	6.00 (0.236)	3.20 (0.126)	2.60 (0.102)	2.20 (0.087)	1.30 (0.051)	2.90 (0.114)
D	2917	7343-31	7.30 (0.287)	4.30 (0.169)	2.90 (0.114)	2.40 (0.094)	1.30 (0.051)	4.40 (0.173)
E	2917	7343-43	7.30 (0.287)	4.30 (0.169)	4.10 (0.162)	2.40 (0.094)	1.30 (0.051)	4.40 (0.173)
V	2924	7361-38	7.30 (0.287)	6.10 (0.240)	3.55 (0.140)	3.10 (0.120)	1.30 (0.051)	4.40 (0.173)

W₁ dimension applies to the termination width for A dimensional area only.

CAPACITANCE AND RATED VOLTAGE, V_R (EIA VOLTAGE CODE) RANGE LETTER DENOTES CASE SIZE (ESR LIMITS IN PARENTHESES)

Capacitance		Rated Voltage DC (V _R) to 85°C							
μF	Code	4V (G)	6V (J)	10V (A)	16V (C)	20V (D)	25V (E)	35V (V)	50V (T)
0.15	154								A(15000)
0.22	224								A(18000)
0.47	474							A(12000)	A(9500)/B(9500)
0.68	684						A(10000)	A(8000)	A(7900)
1.0	105						A(8000)	A(7500)	A(6600)/B(7000)
1.5	155					A(6500)	A(3000,7500)	A(7500)/B(5200)	C(2000)/D(1500)
2.2	225				A(5500)	A(3000)	A(7000)/B(2000)	B(2000)	D(1200)
3.3	335		A(8000)		A(3500,5000)		B(2000)	B(1000)	D(800)
4.7	475		A(6000)	A(5000)	A(2000)	A(1800,4000) B(1000)	A(3100) B(700,1500)	B(1500) C(600)/D(450)	D(300)
6.8	685		A(5000)	A(4000)	A(1500)/B(1200)	B(1000)	B(700,2800) C(700)	C(350)/D(400) E(300)	D(300,600)
10	106		A(4000)	A(1800,3000)	A(3000)/B(900)	B(500,1000) C(700)	C(300,500)	C(1600)/D(125,300) E(250)	
15	156		A(3500)	A(1000,3200) B(600)	B(500,800)	B(500)/C(450) D(275)	D(275)/E(200)	C(450)/D(100,300) E(225)	
22	226		A(3000)/B(600)	B(500,700) C(300)	B(500,600) C(150,375)	B(600)/C(400) D(275)	C(275,400) D(100,200)/E(225)	D(125,400) E(125,300)	
33	336	A(3000)	B(600)	A(700)/B(425,650) C(500)	C(100,300) D(250)	C(300) D(100,200)	D(90,300) E(100,175)	D(200,300) E(300)	
47	476		C(300)	C(200,350) D(200)	C(110,350) D(80,200)	D(100,200) E(150)	D(175,250)	E(250)/V(200)	
68	686	A(1500)	B(500)/C(200) D(175)	C(80,300) D(150)/E(150)	D(150)	D(70,200) E(150,200)	V(95)		
100	107	A(1400) B(900)	C(75,150)	C(75,200) D(50,100)/E(100)	D(50,125) E(125)	V(60)			
150	157		D(125)/E(125)	D(50,100)/E(100)	D(60,150)/V(45)				
220	227		D(100,125) E(100)	D(50,150) E(50,100)	V(50)				
330	337		E(50,150)	D(50,150) E(50,100)/V(40)					
470	477		E(50,200)/V(40)	E(50,200)/V(40)					
1000	108	E(200)							

NOTE: EIA standards for Low ESR solid tantalum capacitors allow an ESR movement of 1.25 times initial limit post mounting.



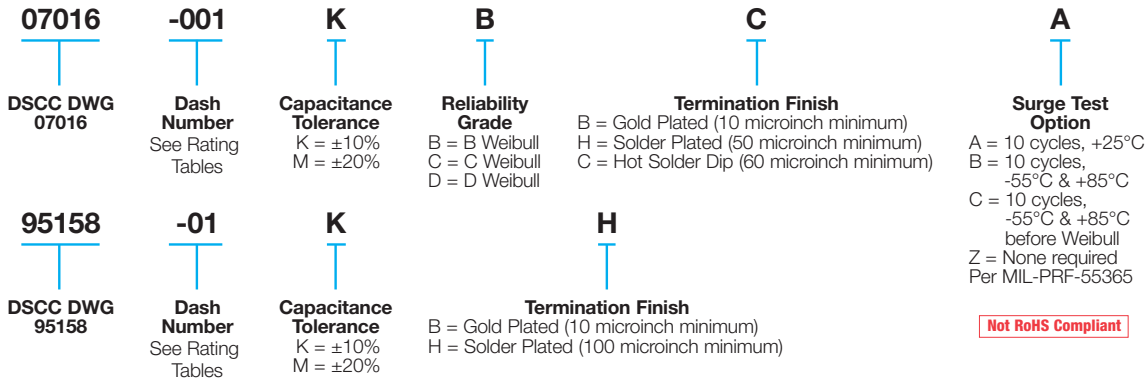
DSCC Dwgs 07016 & 95158



COTS-Plus

HOW TO ORDER

DSCC DWG P/N:



TECHNICAL SPECIFICATIONS

Technical Data:	Unless otherwise specified, all technical data relate to an ambient temperature of 25°C									
Capacitance Range:	0.15 µF to 1000 µF									
Capacitance Tolerance:	±5%; ±10%; ±20%									
Rated Voltage: (V _R)	≤85°C:	4	6	10	16	20	25	35	50	
Category Voltage: (V _C)	125°C:	2.7	4	7	10	13	17	23	33	
Surge Voltage: (V _S)	≤85°C:	5.2	8	13	20	26	32	46	65	
	125°C:	3.4	5	8	12	16	20	28	40	
Temperature Range:	-55°C to +125°C									



DSCC Dwgs 07016 & 95158



COTS-Plus

RATING & PART NUMBER REFERENCE		Parametric Specifications by Rating per DSCC 95158 or 07016 where applicable										Typical Ripple Data by Rating							
DSCC P/N	Case	Cap @ 120Hz	DC Rated Voltage	ESR @ 100kHz	DCL max		DF Max		Power Dissipation	25°C Ripple	85°C Ripple	125°C Ripple	85°C Ripple	125°C Ripple	85°C Ripple	125°C Ripple			
		µF @ 25°C	@ +85°C	mOhms @ +25°C	+25°C (µA)	+85°C (µA)	+125°C (µA)	(%)		(%)	(100kHz)	(100kHz)	(100kHz)	(100kHz)	(100kHz)	(100kHz)	(100kHz)		
07016 001 * @ +A	A	33	4	3000	1.4	14	17	6	9	0.075	0.16	0.14	0.06	0.47	0.43	0.19			
07016 002 * @ +A	A	68	4	1500	2.7	27	32	10	12	0.075	0.22	0.20	0.09	0.34	0.30	0.13			
07016 003 * @ +A	A	100	4	1400	4	40	48	30	36	0.075	0.23	0.21	0.09	0.32	0.29	0.11			
07016 004 * @ +A	B	100	4	900	4	40	48	8	10	0.085	0.31	0.28	0.12	0.28	0.25	0.11			
07016 005 * @ +A	E	1,000	4	200	40	400	480	60	90	0.165	0.91	0.82	0.36	0.18	0.16	0.07			
07016 006 * @ +A	A	3.3	6	8000	0.5	5	6	6	9	0.075	0.10	0.09	0.04	0.77	0.70	0.31			
07016 007 * @ +A	A	4.7	6	6000	0.5	5	6	6	9	0.075	0.11	0.10	0.04	0.67	0.60	0.27			
07016 008 * @ +A	A	6.8	6	5000	0.5	5	6	6	9	0.075	0.12	0.11	0.05	0.61	0.55	0.24			
07016 009 * @ +A	A	10	6	4000	0.6	10	11	6	9	0.075	0.14	0.12	0.05	0.55	0.49	0.22			
07016 010 * @ +A	A	15	6	3500	0.9	11	11	6	9	0.075	0.15	0.13	0.06	0.51	0.46	0.20			
07016 011 * @ +A	A	22	6	3000	1.4	14	17	6	9	0.075	0.16	0.14	0.06	0.47	0.43	0.19			
07016 012 * @ +A	B	22	6	600	1.4	14	17	6	9	0.085	0.38	0.34	0.15	0.23	0.20	0.09			
07016 013 * @ +A	B	33	6	600	2.1	21	25	6	9	0.085	0.38	0.34	0.15	0.23	0.20	0.09			
07016 014 * @ +A	C	47	6	300	3	30	36	6	9	0.110	0.61	0.54	0.24	0.18	0.16	0.07			
07016 015 * @ +A	B	68	6	500	4.3	43	51	6	10	0.085	0.41	0.37	0.16	0.21	0.19	0.08			
07016 016 * @ +A	C	68	6	200	4.3	43	51	6	10	0.110	0.74	0.67	0.30	0.15	0.13	0.06			
95158 01 * A	D	68	6	175	3.3	19.8	33	4	6	0.150	0.93	0.83	0.37	0.16	0.15	0.06			
07016 017 * @ +A	C	100	6	150	6.3	63	76	6	9	0.110	0.86	0.77	0.34	0.13	0.12	0.05			
07016 018 * @ +A	C	100	6	75	6.3	63	76	6	9	0.110	1.21	1.09	0.48	0.09	0.08	0.04			
07016 019 * @ +A	D	150	6	125	9.5	95	113	6	9	0.150	1.10	0.99	0.44	0.14	0.12	0.05			
95158 02 * A	E	150	6	125	7.2	43.2	72	8	10	0.165	1.15	1.03	0.46	0.14	0.13	0.06			
07016 020 * @ +A	D	220	6	125	13.9	139	166	8	10	0.150	1.10	0.99	0.44	0.14	0.12	0.05			
95158 25 * A	D	220	6	100	13.2	132	165	8	10	0.150	1.22	1.10	0.49	0.12	0.11	0.05			
95158 03 * A	E	220	6	100	13.2	132	165	8	10	0.165	1.28	1.16	0.51	0.13	0.12	0.05			
07016 021 * @ +A	E	330	6	150	20.8	208	249	8	10	0.165	1.05	0.94	0.42	0.16	0.14	0.06			
07016 022 * @ +A	E	330	6	50	20.8	208	249	8	10	0.165	1.82	1.63	0.73	0.09	0.08	0.04			
07016 023 M @ +A	E	470	6	200	29.6	296	355	10	12	0.165	0.91	0.82	0.36	0.18	0.16	0.07			
07016 024 M @ +A	E	470	6	50	29.6	296	355	10	12	0.165	1.82	1.63	0.73	0.09	0.08	0.04			
07016 025 * @ +A	V	470	6	40	29.6	296	355	10	12	0.250	2.50	2.25	1.00	0.10	0.09	0.04			
07016 026 * @ +A	A	4.7	10	5000	0.5	5	6	6	9	0.075	0.12	0.11	0.05	0.61	0.55	0.24			
07016 027 * @ +A	A	6.8	10	4000	0.7	7	8	6	9	0.075	0.14	0.12	0.05	0.55	0.49	0.22			
07016 028 * @ +A	A	10	10	3000	1	10	12	6	9	0.075	0.16	0.14	0.06	0.47	0.43	0.19			
07016 029 * @ +A	A	10	10	1800	1	10	12	6	9	0.075	0.20	0.18	0.08	0.37	0.33	0.15			
07016 030 * @ +A	A	15	10	3200	1.6	16	19	6	9	0.075	0.15	0.14	0.06	0.49	0.44	0.20			
07016 031 * @ +A	A	15	10	1000	1.6	16	19	6	9	0.075	0.27	0.25	0.11	0.27	0.25	0.11			
07016 032 * @ +A	B	15	10	600	1.6	16	19	6	9	0.085	0.38	0.34	0.15	0.23	0.20	0.09			
07016 033 * @ +A	B	22	10	700	2.2	22	26	6	9	0.085	0.31	0.28	0.14	0.24	0.22	0.10			
07016 034 * @ +A	B	22	10	500	2.2	22	26	6	9	0.085	0.41	0.37	0.16	0.21	0.19	0.08			
07016 035 * @ +A	C	22	10	300	2.2	22	26	6	9	0.110	0.61	0.54	0.24	0.18	0.16	0.07			
07016 036 * @ +A	A	33	10	700	3.3	33	40	8	10	0.075	0.33	0.29	0.13	0.23	0.21	0.09			
07016 037 * @ +A	B	33	10	650	3.3	33	40	6	9	0.085	0.36	0.33	0.14	0.24	0.21	0.09			
07016 038 * @ +A	B	33	10	425	3.3	33	40	6	9	0.085	0.45	0.40	0.18	0.19	0.17	0.08			
07016 039 * @ +A	C	33	10	500	3.3	33	40	6	9	0.110	0.47	0.42	0.19	0.23	0.21	0.09			
07016 040 * @ +A	C	47	10	350	4.7	47	56	6	9	0.110	0.56	0.50	0.22	0.20	0.18	0.08			
07016 041 * @ +A	C	47	10	200	4.7	47	56	6	9	0.110	0.74	0.67	0.30	0.15	0.13	0.06			
95158 -04 * A	D	47	10	200	3.8	22.8	38	4	6	0.150	0.87	0.78	0.35	0.17	0.16	0.07			
07016 042 * @ +A	C	68	10	300	6.8	68	82	8	10	0.110	0.61	0.54	0.24	0.18	0.16	0.07			
07016 043 * @ +A	C	68	10	80	6.8	68	82	6	9	0.110	1.17	1.06	0.47	0.09	0.08	0.04			
07016 044 * @ +A	D	68	10	150	6.8	68	82	6	9	0.150	1.00	0.90	0.40	0.15	0.14	0.06			
95158 05 * A	E	68	10	150	5.4	32.4	54	4	6	0.165	1.05	0.94	0.42	0.16	0.14	0.06			
07016 045 * @ +A	C	100	10	200	10	100	120	8	10	0.110	0.74	0.67	0.30	0.15	0.13	0.06			
07016 046 * @ +A	C	100	10	75	10	100	120	8	10	0.110	1.21	1.09	0.48	0.09	0.08	0.04			
95158 06 * A	D	100	10	100	10	100	125	8	12	0.150	1.22	1.10	0.49	0.12	0.11	0.05			
07016 047 * @ +A	D	100	10	50	10	100	120	6	9	0.150	1.73	1.56	0.69	0.09	0.08	0.03			
95158 07 * A	E	100	10	100	8	48	80	6	8	0.165	1.28	1.16	0.51	0.13	0.12	0.05			

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.



DSCC DwgS 07016 & 95158

COTS-Plus



RATING & PART NUMBER REFERENCE		Parametric Specifications by Rating per DSCC 95158 or 07016 where applicable										Typical Ripple Data by Rating					
DSCC P/N	Case	Cap @ 120Hz	DC Rated Voltage	ESR @ 100kHz	DCL max		DF Max		Power Dissipation		25°C Ripple	85°C Ripple	125°C Ripple	25°C Ripple	85°C Ripple	125°C Ripple	
		µF @ 25°C	V @ +85°C	mOhms @ +25°C	+25°C (µA)	+125°C (µA)	+25°C (%)	+85/125°C (%)	W	A (100kHz)	A (100kHz)	V (100kHz)	V (100kHz)	A (100kHz)	V (100kHz)	V (100kHz)	
95158 26	* A	150	10	100	15	150	187.5	8	10	12	1.22	1.10	0.49	0.12	0.11	0.05	
07016.048	* @ A +	150	10	50	15	150	180	8	10	12	1.56	1.56	0.69	0.09	0.08	0.03	
95158 08	* A	150	10	100	15	150	187.5	8	10	12	1.73	1.73	1.00	0.15	0.12	0.06	
07016.049	* @ A +	220	10	150	22	220	264	8	10	12	1.65	1.65	0.40	0.15	0.14	0.06	
07016.050	M @ A +	220	10	50	15	150	180	8	10	12	1.73	1.73	0.69	0.09	0.08	0.03	
95158 28	* A	220	10	100	15	150	187.5	8	10	12	1.65	1.65	1.16	0.15	0.12	0.06	
07016.051	* @ A +	220	10	50	22	220	264	8	10	12	1.82	1.82	0.73	0.09	0.08	0.04	
07016.052	M @ A +	330	10	150	33	330	396	8	10	12	1.50	1.50	0.90	0.40	0.15	0.06	
07016.053	M @ A +	330	10	50	33	330	396	8	10	12	1.73	1.73	0.69	0.09	0.08	0.03	
07016.054	* @ A +	330	10	100	33	330	396	8	10	12	1.65	1.65	1.16	0.13	0.12	0.05	
07016.055	* @ A +	330	10	50	33	330	396	8	10	12	1.65	1.63	0.73	0.09	0.08	0.04	
07016.056	* @ A +	330	10	40	33	330	396	8	10	12	2.50	2.25	1.00	0.10	0.09	0.04	
07016.057	M @ A +	470	10	200	47	470	564	8	10	12	1.65	1.65	0.82	0.36	0.18	0.07	
07016.058	M @ A +	470	10	50	47	470	564	10	12	14	1.65	1.63	0.73	0.09	0.08	0.04	
07016.059	* @ A +	470	10	40	47	470	564	10	12	14	2.50	2.25	1.00	0.10	0.09	0.04	
07016.060	* @ A +	2.2	16	5500	0.5	5	6	6	6	9	0.075	0.11	0.05	0.61	0.55	0.24	
07016.061	* @ A +	3.3	16	5000	0.5	5	6	6	6	9	0.075	0.11	0.05	0.61	0.55	0.24	
07016.062	* @ A +	3.3	16	3500	0.5	5	6	6	6	9	0.075	0.11	0.05	0.61	0.55	0.24	
07016.063	* @ A +	4.7	16	2000	0.8	8	10	6	6	9	0.075	0.17	0.08	0.39	0.35	0.15	
07016.064	* @ A +	6.8	16	1500	1.1	11	13	6	6	9	0.075	0.22	0.09	0.34	0.30	0.13	
07016.065	* @ A +	6.8	16	1200	1.1	11	13	6	6	9	0.085	0.27	0.11	0.32	0.29	0.13	
07016.066	* @ A +	10	16	3000	1.6	16	19	6	6	9	0.075	0.14	0.06	0.47	0.43	0.19	
07016.067	* @ A +	10	16	900	1.6	16	19	6	6	9	0.085	0.32	0.29	0.13	0.26	0.10	
07016.068	* @ A +	15	16	800	2.4	24	29	6	6	9	0.085	0.33	0.29	0.13	0.26	0.10	
07016.069	* @ A +	15	16	500	2.4	24	29	6	6	9	0.085	0.41	0.37	0.16	0.21	0.08	
07016.070	* @ A +	22	16	600	3.6	36	43	6	6	9	0.085	0.38	0.34	0.15	0.23	0.09	
07016.071	* @ A +	22	16	375	3.6	36	43	6	6	9	0.110	0.54	0.49	0.22	0.20	0.08	
07016.072	* @ A +	22	16	150	3.6	36	43	6	6	9	0.110	0.86	0.77	0.34	0.13	0.05	
07016.073	* @ A +	22	16	500	3.6	36	43	6	6	9	0.085	0.41	0.37	0.16	0.21	0.08	
07016.074	* @ A +	33	16	300	5.3	53	64	6	6	9	0.110	0.61	0.54	0.24	0.18	0.07	
07016.075	* @ A +	33	16	100	5.3	53	64	6	6	9	0.110	1.05	0.94	0.42	0.10	0.04	
95158 09	* A	33	16	250	4.2	42	52	4	6	6	0.150	0.77	0.70	0.31	0.19	0.08	
07016.076	* @ A +	47	16	350	7.6	76	91	6	6	9	0.110	0.56	0.50	0.22	0.20	0.08	
07016.077	* @ A +	47	16	110	7.6	76	91	6	6	9	0.110	1.00	0.90	0.40	0.11	0.04	
07016.078	* @ A +	47	16	80	7.6	76	91	6	6	9	0.150	1.23	1.23	0.55	0.11	0.04	
95158 10	* A	47	16	200	7.5	75	94	6	6	9	0.150	0.87	0.78	0.35	0.17	0.07	
07016.079	* @ A +	68	16	150	10.9	109	131	6	6	9	0.150	1.00	0.90	0.40	0.15	0.06	
07016.080	* @ A +	100	16	125	16	160	192	6	6	9	0.150	1.10	0.99	0.44	0.14	0.05	
07016.081	* @ A +	100	16	50	16	160	192	6	6	9	0.150	1.73	1.56	0.69	0.09	0.03	
07016.082	M @ A +	150	16	150	24	240	288	6	6	9	0.165	1.15	1.03	0.46	0.14	0.06	
07016.083	M @ A +	150	16	60	24	240	288	6	6	9	0.150	1.00	0.90	0.40	0.15	0.06	
07016.084	* @ A +	150	16	45	24	240	288	6	6	9	0.150	1.58	1.42	0.63	0.09	0.04	
07016.085	* @ A +	220	16	50	35.2	352	422	8	10	12	0.250	2.24	2.01	0.89	0.11	0.04	
07016.086	* @ A +	1.5	20	6500	0.5	5	6	6	6	8	0.075	0.11	0.04	0.04	0.70	0.63	0.28
07016.087	* @ A +	2.2	20	3000	0.5	5	6	6	6	8	0.075	0.16	0.14	0.06	0.47	0.43	0.19
07016.088	* @ A +	4.7	20	4000	1	10	12	6	6	8	0.075	0.14	0.12	0.05	0.55	0.49	0.22
07016.089	* @ A +	4.7	20	1800	1	10	12	6	6	8	0.075	0.20	0.18	0.08	0.37	0.33	0.15
07016.090	* @ A +	4.7	20	1000	2	20	24	6	6	8	0.085	0.29	0.26	0.12	0.29	0.26	0.12
07016.091	* @ A +	6.8	20	1000	1.4	14	17	6	6	8	0.085	0.29	0.26	0.12	0.29	0.26	0.12
07016.092	* @ A +	10	20	1000	0.7	7	8	6	6	8	0.085	0.41	0.37	0.16	0.21	0.09	0.08
07016.093	* @ A +	10	20	500	0.7	7	8	6	6	8	0.085	0.41	0.37	0.16	0.21	0.09	0.08
07016.094	* @ A +	10	20	700	1.4	14	17	6	6	8	0.110	0.40	0.36	0.16	0.28	0.25	0.11
07016.095	* @ A +	15	20	500	3	30	36	6	6	8	0.085	0.41	0.37	0.16	0.21	0.09	0.08
07016.096	* @ A +	15	20	450	3	30	36	6	6	8	0.110	0.49	0.44	0.20	0.22	0.20	0.09
95158 12	* A	15	20	275	2.4	24	24	4	6	6	0.150	0.74	0.66	0.30	0.20	0.18	0.08

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.



DSCC DwgS 07016 & 95158

COTS-Plus



RATING & PART NUMBER REFERENCE		Parametric Specifications by Rating per DSCC 95158 or 07016 where applicable										Typical Ripple Data by Rating							
		Cap @ 120Hz @ 25°C	DC Rated Voltage @ +85°C	ESR @ 100kHz @ +25°C	DCL max @ +85°C	+125°C (µA)	+25°C (%)	DF Max +(85/125)°C (%)	-55°C (%)	Power Dissipation W	25°C Ripple (100kHz) A	85°C Ripple (100kHz) A	125°C Ripple (100kHz) A	25°C Ripple V (100kHz)	85°C Ripple V (100kHz)	125°C Ripple V (100kHz)			
95158 20	* ^	E	6.8	35	300	1.9	11.4	19	4	6	6	6	0.165	0.74	0.67	0.30	0.22	0.20	0.09
07016 144	* @ ^ +	C	10	35	1600	3.5	35	42	6	9	9	9	0.110	0.26	0.24	0.10	0.42	0.38	0.17
95158 27	* ^	D	10	35	300	3.5	35	42	4	6	6	6	0.150	0.71	0.64	0.28	0.21	0.19	0.08
07016 145	* @ ^ +	D	10	35	125	3.5	35	42	6	9	9	9	0.150	1.10	0.99	0.44	0.14	0.12	0.05
95158 21	* ^	E	10	35	250	2.8	16.8	28	4	6	6	6	0.165	0.81	0.73	0.32	0.20	0.18	0.08
07016 146	* @ ^ +	C	15	35	450	5.3	53	64	6	9	9	9	0.110	0.49	0.44	0.20	0.22	0.20	0.09
07016 147	* @ ^ +	D	15	35	300	5.3	53	64	6	9	9	9	0.150	0.71	0.64	0.28	0.21	0.19	0.08
07016 148	* @ ^ +	D	15	35	100	5.3	53	64	6	9	9	9	0.150	1.22	1.10	0.49	0.12	0.11	0.05
95158 22	* ^	E	15	35	225	5.3	53	66.6	6	9	9	9	0.165	0.86	0.77	0.34	0.19	0.17	0.08
07016 149	* @ ^ +	D	22	35	400	7.7	77	92	6	9	9	9	0.150	0.61	0.55	0.24	0.24	0.22	0.10
07016 150	* @ ^ +	D	22	35	125	7.7	77	92	6	9	9	9	0.150	1.10	0.99	0.44	0.14	0.12	0.05
95158 23	* ^	E	22	35	300	7.7	77	92	6	9	9	9	0.165	0.74	0.67	0.30	0.22	0.20	0.09
07016 151	* @ ^ +	E	22	35	125	7.7	77	92	6	9	9	9	0.165	1.15	1.03	0.46	0.14	0.13	0.06
07016 152	M @ ^ +	D	33	35	300	11.6	116	139	6	9	9	9	0.150	0.71	0.64	0.28	0.21	0.19	0.08
07016 153	M @ ^ +	D	33	35	200	11.6	116	139	6	9	9	9	0.150	0.87	0.78	0.35	0.22	0.20	0.09
07016 154	M @ ^ +	E	33	35	300	11.6	116	139	6	9	9	9	0.165	0.74	0.67	0.30	0.22	0.20	0.09
07016 155	M @ ^ +	E	47	35	250	16.5	165	197	6	9	9	9	0.165	0.81	0.73	0.32	0.20	0.18	0.08
07016 156	M @ ^ +	V	47	35	200	16.5	165	197	6	9	9	9	0.250	1.12	1.01	0.45	0.22	0.20	0.09
07016 157	M @ ^ +	A	0.15	50	15000	0.5	5	6	4	6	6	6	0.075	0.07	0.06	0.03	1.06	0.95	0.42
07016 158	M @ ^ +	A	0.22	50	18000	0.5	5	6	4	6	6	6	0.075	0.06	0.06	0.03	1.16	1.05	0.46
07016 159	* @ ^ +	A	0.47	50	9500	0.5	5	6	4	6	6	6	0.075	0.09	0.08	0.04	0.84	0.76	0.34
07016 160	* @ ^ +	B	0.47	50	9500	0.5	5	6	4	6	6	6	0.085	0.09	0.09	0.04	0.90	0.81	0.36
07016 161	* @ ^ +	A	0.68	50	7900	0.5	5	6	4	6	6	6	0.075	0.10	0.09	0.04	0.77	0.69	0.31
07016 162	M @ ^ +	A	1.0	50	6600	0.5	5	6	4	6	6	6	0.075	0.11	0.10	0.04	0.70	0.63	0.28
07016 163	* @ ^ +	B	1.0	50	7000	0.5	5	6	4	6	6	6	0.085	0.11	0.10	0.04	0.77	0.69	0.31
07016 164	* @ ^ +	C	1.5	50	2000	0.8	8	10	6	6	8	8	0.110	0.23	0.21	0.09	0.47	0.42	0.19
07016 165	* @ ^ +	D	1.5	50	1500	0.8	8	10	6	6	8	8	0.150	0.32	0.28	0.13	0.43	0.39	0.17
07016 166	* @ ^ +	D	2.2	50	1200	1.1	11	13	6	6	8	8	0.150	0.35	0.32	0.14	0.42	0.38	0.17
07016 167	* @ ^ +	D	3.3	50	800	1.7	17	20	6	6	9	9	0.150	0.43	0.39	0.17	0.35	0.31	0.14
07016 168	* @ ^ +	D	4.7	50	300	2.4	24	29	6	6	9	9	0.150	0.71	0.64	0.28	0.21	0.19	0.08
07016 169	* @ ^ +	D	6.8	50	600	3.4	34	41	6	6	6	6	0.150	0.50	0.45	0.20	0.30	0.27	0.12
07016 170	* @ ^ +	D	6.8	50	300	3.4	34	41	6	6	6	6	0.150	0.71	0.64	0.28	0.21	0.19	0.08

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.

