

EIA STANDARD

EIA RS-377-1

*Parts List Supplement to RS-377,
"Metallized Dielectric Capacitors
in Metallic and Non-Metallic Cases
for Direct Current Applications"*

RS-377-1



September 1972

Engineering Department

ELECTRONIC INDUSTRIES ASSOCIATION

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PARTS LIST SUPPLEMENT TO EIA RS-377, “METALLIZED DIELECTRIC CAPACITORS IN METALLIC AND NON-METALLIC CASES FOR DIRECT CURRENT APPLICATIONS”

*(From Standards Proposal No. 1121, formulated under the cognizance of EIA Working Group
P-2.2 on Film, Paper and Plastic Dielectric Capacitors.)*

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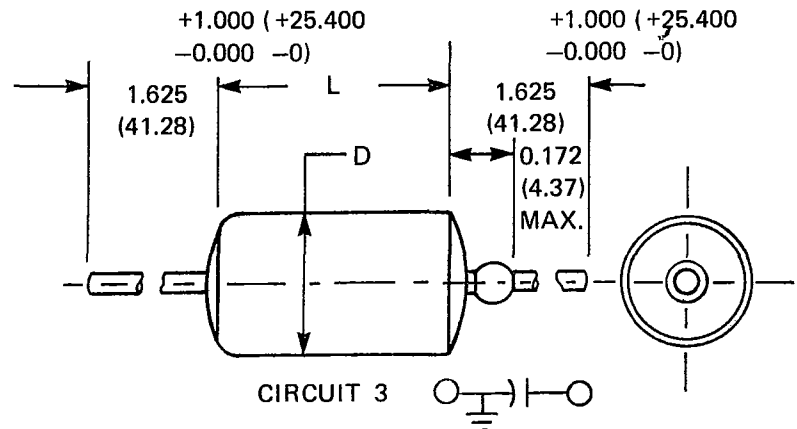
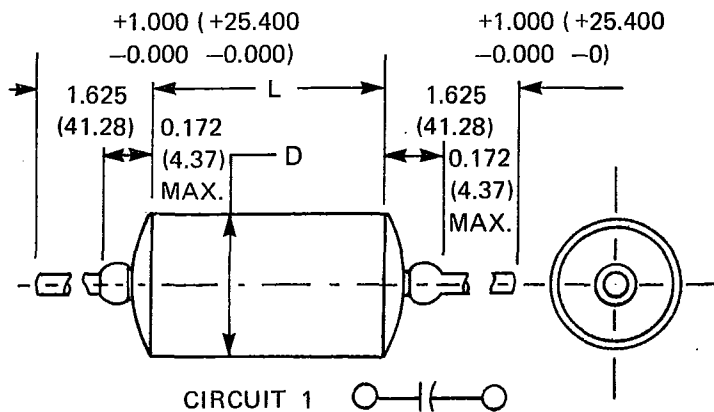
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26	L	See E.I.A. Std. RS-377
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32	B	33
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Note: Refer to EIA Standard RS-377 for complete testing programs, measurements, descriptions of characteristics, part numbers, and other details.

STYLE 08 (UNINSULATED CASE) STYLE 09 (INSULATED CASE)

CHARACTERISTIC Q

METAL CASE, HERMETICALLY SEALED, METALLIZED DIELECTRIC

REQUIREMENTS:

Dimensions:

See Table 1

Capacitance Value:

See Table 2

Capacitance Tolerance:

 $\pm 1\%$, $\pm 2\%$, $\pm 5\%$, $\pm 10\%$ DC Rated Voltage 85°C :

See Table 2

AC Voltage Ratings:

<u>VDC Rating</u>	<u>0-2000 Hz</u>	<u>2400 Hz</u>	<u>4800 Hz</u>	<u>10,000 Hz</u>
50	30	30	20	12
100	60	60	50	30
150	100	90	60	40

Lead Wire Size:

See Table 1

Lead Pull Test (3.4.1.1):

4.4 lbs. (2.0 Kg)

Lead Bending Test (3.4.2.1):

2.2 lbs. (1.0 Kg)

Insulation Resistance:

MinimumTerminal to case at 25°C
(Where the case is not a terminal)

500,000 megohms

Terminal to Terminal:

0 to $0.5 \mu\text{F}$
Over $0.5 \mu\text{F}$ at 25°C
at 25°C 500,000 megohms
250,000 megohms $\times \mu\text{F}$ 0 to $1.0 \mu\text{F}$
Over $1.0 \mu\text{F}$ at 85°C
at 85°C 40,000 megohms
40,000 megohms $\times \mu\text{F}$

Capacitance Change After Life Test:

Shall not exceed 1%



TABLE 1
STYLES 08 AND 09 CASE DIMENSIONS

Case Code	Style 08				Style 09				Lead Dia. AWG
	Circuit 1		Circuit 3		Circuit 1		Circuit 3		
	L	D	L	D	L	D	L	D	
A	.531 (13.50)	.174 (4.42)	.468 (11.89)	.174 (4.42)	.571 (14.52)	.189 (4.80)	.508 (12.91)	.189 (4.80)	24 (.510)
B	.531 (13.50)	.193 (4.90)	.468 (11.89)	.193 (4.90)	.571 (14.52)	.208 (5.28)	.508 (12.91)	.208 (5.28)	24 (.510)
C	.531 (13.50)	.235 (5.96)	.468 (11.89)	.235 (5.96)	.571 (14.52)	.250 (6.34)	.508 (12.91)	.250 (6.34)	22 (.644)
D	.625 (15.88)	.193 (4.90)	.562 (14.29)	.193 (4.90)	.665 (16.90)	.208 (5.28)	.602 (15.31)	.208 (5.28)	24 (.510)
E	.625 (15.88)	.235 (5.96)	.562 (14.29)	.235 (5.96)	.665 (16.90)	.250 (6.34)	.602 (15.31)	.250 (6.34)	22 (.644)
F	.625 (15.88)	.312 (7.92)	.562 (14.29)	.312 (7.92)	.665 (16.90)	.327 (8.30)	.602 (15.31)	.327 (8.30)	22 (.644)
G	.843 (21.40)	.312 (7.92)	.781 (19.84)	.312 (7.92)	.883 (22.42)	.327 (8.30)	.821 (20.86)	.327 (8.30)	22 (.644)
H	.843 (21.40)	.400 (10.16)	.781 (19.84)	.400 (10.16)	.883 (22.42)	.415 (10.54)	.821 (20.86)	.415 (10.54)	20 (.812)
I	1.125 (28.60)	.400 (10.16)	1.062 (26.99)	.400 (10.16)	1.165 (29.62)	.415 (10.54)	1.102 (28.01)	.415 (10.54)	20 (.812)
J	1.125 (28.60)	.500 (12.70)	1.062 (26.99)	.500 (12.70)	1.165 (29.62)	.515 (13.08)	1.102 (28.01)	.515 (13.08)	20 (.812)
K	1.125 (28.60)	.562 (14.27)	1.062 (26.99)	.562 (14.27)	1.165 (29.62)	.577 (14.65)	1.102 (28.01)	.577 (14.65)	20 (.812)
L	1.312 (33.34)	.562 (14.27)	1.250 (31.75)	.562 (14.27)	1.352 (34.36)	.577 (14.65)	1.290 (32.77)	.577 (14.65)	20 (.812)
M	1.562 (39.69)	.562 (14.27)	1.500 (38.10)	.562 (14.27)	1.602 (40.71)	.577 (14.65)	1.540 (39.12)	.577 (14.65)	20 (.812)
N	1.562 (39.69)	.670 (17.02)	1.500 (38.10)	.670 (17.02)	1.602 (40.71)	.685 (17.40)	1.540 (39.12)	.685 (17.40)	20 (.812)
O	1.562 (39.69)	.750 (19.05)	1.500 (38.10)	.750 (19.05)	1.602 (40.71)	.765 (19.43)	1.540 (39.12)	.765 (19.05)	20 (.812)
P	1.875 (47.62)	.670 (17.02)	1.812 (46.04)	.670 (17.02)	1.915 (48.64)	.685 (17.40)	1.852 (47.06)	.685 (17.40)	20 (.812)
Q	1.875 (47.62)	.750 (19.05)	1.812 (46.04)	.750 (19.05)	1.915 (48.64)	.765 (19.43)	1.852 (47.06)	.765 (19.43)	20 (.812)
R	2.125 (54.00)	.750 (19.05)	2.062 (52.37)	.750 (19.05)	2.165 (55.02)	.765 (19.43)	2.102 (53.39)	.765 (19.43)	20 (.812)

Note: Metric dimensions are shown in parenthesis and are based on 1.000 inch = 25.4 mm.



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TABLE 2
STYLE C08 CHARACTERISTIC Q

EIA Part Number*	Capacitance μF	Rated Voltage DC	Case Code
377C08A1QA392-	.0039	50	A
377C08A1QA472-	.0047	50	A
377C08A1QA562-	.0056	50	A
377C08A1QA682-	.0068	50	A
377C08A1QA822-	.0082	50	B
377C08A1QA103-	.01	50	B
377C08A1QA123-	.012	50	C
377C08A1QA153-	.015	50	C
377C08A1QA183-	.018	50	D
377C08A1QA223-	.022	50	D
377C08A1QA273-	.027	50	E
377C08A1QA333-	.033	50	E
377C08A1QA393-	.039	50	F
377C08A1QA473-	.047	50	F
377C08A1QA563-	.056	50	F
377C08A1QA683-	.068	50	F
377C08A1QA823-	.082	50	G
377C08A1QA104-	.10	50	G
377C08A1QA124-	.12	50	G
377C08A1QA154-	.15	50	G
377C08A1QA184-	.18	50	H
377C08A1QA224-	.22	50	H
377C08A1QA274-	.27	50	I
377C08A1QA334-	.33	50	I
377C08A1QA394-	.39	50	I
377C08A1QA474-	.47	50	J
377C08A1QA564-	.56	50	J
377C08A1QA684-	.68	50	J
377C08A1QA824-	.82	50	K
377C08A1QA105-	1.0	50	L
377C08A1QA125-	1.2	50	M
377C08A1QA155-	1.5	50	M
377C08A1QA185-	1.8	50	N
377C08A1QA225-	2.2	50	N
377C08A1QB332-	.0033	100	A
377C08A1QB392-	.0039	100	A
377C08A1QB472-	.0047	100	B
377C08A1QB562-	.0056	100	B
377C08A1QB682-	.0068	100	C
377C08A1QB822-	.0082	100	C
377C08A1QB103-	.010	100	D
377C08A1QB123-	.012	100	D
377C08A1QB153-	.015	100	E



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TABLE 2 (Continued)
STYLE C08 CHARACTERISTIC Q

EIA Part Number*	Capacitance μF	Rated Voltage DC	Case Code
377C08A1QB183-	.018	100	E
377C08A1QB223-	.022	100	F
377C08A1QB273-	.027	100	F
377C08A1QB333-	.033	100	F
377C08A1QB393-	.039	100	F
377C08A1QB473-	.047	100	G
377C08A1QB563-	.056	100	G
377C08A1QB683-	.068	100	G
377C08A1QB823-	.082	100	H
377C08A1QB104-	.10	100	H
377C08A1QB124-	.12	100	H
377C08A1QB154-	.15	100	I
377C08A1QB184-	.18	100	I
377C08A1QB224-	.22	100	I
377C08A1QB274-	.27	100	J
377C08A1QB334-	.33	100	J
377C08A1QB394-	.39	100	K
377C08A1QB474-	.47	100	K
377C08A1QB564-	.56	100	L
377C08A1QB684-	.68	100	M
377C08A1QB824-	.82	100	M
377C08A1QB105-	1.0	100	N
377C08A1QB125-	1.2	100	N
377C08A1QB155-	1.5	100	P
377C08A1QB185-	1.8	100	Q
377C08A1QV272-	.0027	150	A
377C08A1QV332-	.0033	150	B
377C08A1QV392-	.0039	150	B
377C08A1QV472-	.0047	150	C
377C08A1QV562-	.0056	150	C
377C08A1QV682-	.0068	150	D
377C08A1QV822-	.0082	150	D
377C08A1QV103-	.01	150	E
377C08A1QV123-	.012	150	E
377C08A1QV153-	.015	150	E
377C08A1QV183-	.018	150	F
377C08A1QV223-	.022	150	F
377C08A1QV273-	.027	150	F
377C08A1QV333-	.033	150	G
377C08A1QV393-	.039	150	G
377C08A1QV473-	.047	150	G
377C08A1QV563-	.056	150	H
377C08A1QV683-	.068	150	H



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TABLE 2 (Continued)
STYLE C08 CHARACTERISTIC Q

EIA Part Number	Capacitance μF	Rated Voltage DC	Case Code
377C08A1QV823-	.082	150	H
377C08A1QV104-	.10	150	I
377C08A1QV124-	.12	150	I
377C08A1QV154-	.15	150	I
377C08A1QV184-	.18	150	J
377C08A1QV224-	.22	150	J
377C08A1QV274-	.27	150	K
377C08A1QV334-	.33	150	K
377C08A1QV394-	.39	150	L
377C08A1QV474-	.47	150	M
377C08A1QV564-	.56	150	M
377C08A1QV684-	.68	150	N
377C08A1QV824-	.82	150	N
377C08A1QV105-	1.0	150	O
377C08A1QV125-	1.2	150	Q
377C08A1QV155-	1.5	150	R

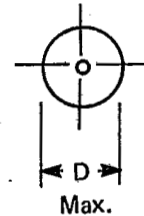
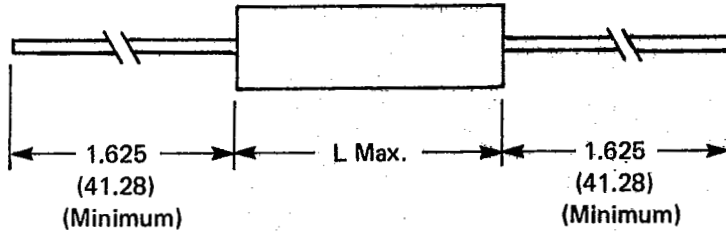
*The complete designation shall include a symbol to indicate the capacitance tolerance desired F for $\pm 1\%$, G for $\pm 2\%$, J for $\pm 5\%$, K for $\pm 10\%$.

For Style 09 change 08 to 09. For Circuit 3, change A1Q to A3Q. See Page 1 of RS-377 for all details of E.I.A. part number.

STYLE 25 CHARACTERISTIC B

(METALLIZED DIELECTRIC)

(ROUND, PLASTIC-FILM-WRAPPED WITH PLASTIC END SEALS)

REQUIREMENTS:

Dimensions:

See Table 1

Lead Wire Size:

See Table 1

Capacitance Value:

See Table 1

Capacitance Tolerance:

 $\pm 10\%$, & $\pm 20\%$ DC Rated Voltage at $+85^{\circ}\text{C}$:See Table 1 — Capacitors shall be used at 50% of voltage rating for operation at 125°C . Interpolate for intermediate temperatures.

Lead Pull Test:

Capacitor Diameter	
(3.56	10.29)
.140" through .405"	
Over .405" (10.29)	

Force Applied

2.2 pounds (1.0 Kg)
4.4 pounds (2.0 Kg)

Lead Bend Test:

Capacitor Diameter	
(3.56	10.29)
.140" through .405"	
Over .405" (10.29)	

Force Applied

1.1 pounds (0.5 Kg)
2.2 pounds (1.0 Kg)

Insulation Resistance:

Capacitance RatingMinimum

0 to 0.25 μF
Over 0.25 μF

at 25°C
at 25°C

200,000 megohms
50,000 megohms $\times \mu\text{F}$

0 to 0.1 μF
Over 0.1 μF

at 85°C
at 85°C

30,000 megohms
3,000 megohms $\times \mu\text{F}$

0 to 0.1 μF
Over 0.1 μF

at 125°C
at 125°C

2,000 megohms
200 megohms $\times \mu\text{F}$

Post-Life-Test Capacitance Change:

Shall not exceed $\pm 5\%$.

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TABLE 1
STYLE 25 CHARACTERISTIC B
(Metallized Dielectric)

EIA Part Number	Cap. μF	Rated Voltage DC	Dimensions (Max.)				Wire Size In.	(mm)
			D		L			
			In.	(mm)	In.	(mm)		
377C25A1BB104-*	.10	100	.282	(7.12)	.626	(15.90)	.020	(.508)
377C25A1BB154-	.15	100	.282	(7.12)	.751	(19.08)	.020	(.508)
377C25A1BB224-	.22	100	.327	(8.31)	.751	(19.08)	.025	(.635)
377C25A1BB334-	.33	100	.382	(9.70)	.751	(19.08)	.025	(.635)
377C25A1BB474-	.47	100	.372	(9.44)	.938	(23.83)	.025	(.635)
377C25A1BB684-	.68	100	.437	(11.10)	.938	(23.83)	.025	(.635)
377C25A1BB105-	1.0	100	.467	(11.86)	1.063	(27.00)	.025	(.635)
377C25A1BB155-	1.5	100	.592	(14.99)	1.063	(27.00)	.032	(.813)
377C25A1BB205-	2.0	100	.622	(15.80)	1.313	(33.40)	.032	(.813)
377C25A1BB305-	3.0	100	.687	(17.41)	1.438	(36.53)	.032	(.813)
377C25A1BB405-	4.0	100	.737	(18.72)	1.563	(39.70)	.040	(1.02)
377C25A1BB505-	5.0	100	.812	(20.62)	1.563	(39.70)	.040	(1.02)
377C25A1BB805-	8.0	100	.847	(21.51)	2.063	(52.40)	.040	(1.02)
377C25A1BB106-	10.0	100	.877	(22.28)	2.313	(58.75)	.040	(1.02)
377C25A1BC103-*	.01	200	.182	(4.61)	.626	(15.90)	.020	(.508)
377C25A1BC153-	.015	200	.207	(5.26)	.626	(15.90)	.020	(.508)
377C25A1BC223-	.022	200	.217	(5.51)	.626	(15.90)	.020	(.508)
377C25A1BC333-	.033	200	.247	(6.27)	.626	(15.90)	.020	(.508)
377C25A1BC473-	.047	200	.272	(6.91)	.626	(15.90)	.020	(.508)
377C25A1BC683-	.068	200	.247	(6.27)	.751	(19.08)	.020	(.508)
377C25A1BC104-	.10	200	.307	(7.81)	.751	(19.08)	.025	(.635)
377C25A1BC154-	.15	200	.342	(8.71)	.751	(19.08)	.025	(.635)
377C25A1BC224-	.22	200	.402	(10.21)	.751	(19.08)	.025	(.635)
377C25A1BC334-	.33	200	.462	(11.71)	.751	(19.08)	.025	(.635)
377C25A1BC474-	.47	200	.402	(10.21)	1.063	(27.00)	.025	(.635)
377C25A1BC684-	.68	200	.482	(12.21)	1.063	(27.00)	.025	(.635)
377C25A1BC105-	1.0	200	.592	(15.10)	1.063	(27.00)	.032	(.813)
377C25A1BC155-	1.5	200	.637	(16.20)	1.313	(33.40)	.032	(.813)
377C25A1BC205-	2.0	200	.722	(18.40)	1.313	(33.40)	.040	(1.02)
377C25A1BC305-	3.0	200	.762	(18.60)	1.563	(39.70)	.040	(1.02)
377C25A1BC405-	4.0	200	.807	(20.50)	1.813	(46.11)	.040	(1.02)
377C25A1BC505-	5.0	200	.887	(22.55)	1.813	(46.11)	.040	(1.02)
377C25A1BE103-*	.01	400	.232	(5.89)	.626	(15.90)	.020	(.508)
377C25A1BE153-	.015	400	.232	(5.89)	.751	(19.08)	.020	(.508)

TABLE 1 (Continued)

STYLE 25 CHARACTERISTIC B

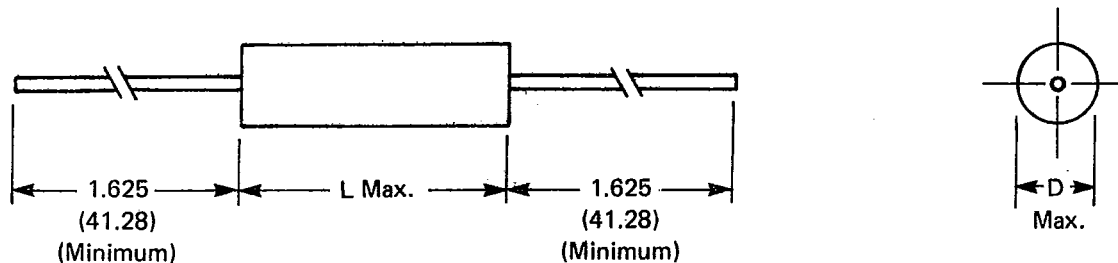
(Metallized Dielectric)

EIA Part Number	Cap. μF	Rated Voltage DC	Dimensions (Max.)				Wire Size In.	(mm)
			D		L			
			In.	(mm)	In.	(mm)		
377C25A1BE223-	.022	400	.257	(6.53)	.751	(19.08)	.020	(.508)
377C25A1BE333-	.033	400	.292	(7.41)	.751	(19.08)	.025	(.635)
377C25A1BE473-	.047	400	.352	(8.91)	.751	(19.08)	.025	(.635)
377C25A1BE683-	.068	400	.407	(10.31)	.751	(19.08)	.025	(.635)
377C25A1BE104-	.10	400	.377	(9.61)	1.063	(27.00)	.025	(.635)
377C25A1BE154-	.15	400	.432	(11.01)	1.063	(27.00)	.025	(.635)
377C25A1BE224-	.22	400	.457	(11.61)	1.313	(33.40)	.025	(.635)
377C25A1BE334-	.33	400	.497	(12.61)	1.563	(39.70)	.025	(.635)
377C25A1BE474-	.47	400	.712	(15.57)	1.563	(39.70)	.032	(.813)
377C25A1BE684-	.68	400	.712	(18.07)	1.563	(39.70)	.040	(1.02)
377C25A1BE105-	1.0	400	.787	(19.97)	1.813	(46.11)	.040	(1.02)
377C25A1BE155-	1.5	400	.927	(23.57)	1.813	(46.11)	.040	(1.02)
377C25A1BE205-	2.0	400	1.052	(26.77)	1.813	(46.11)	.040	(1.02)
377C25A1BE305-	3.0	400	1.124	(29.28)	2.313	(58.75)	.040	(1.02)
377C25A1BF103-*	.01	600	.277	(7.04)	.813	(20.65)	.020	(.508)
377C25A1BF153-	.015	600	.327	(8.31)	.813	(20.65)	.025	(.635)
377C25A1BF223-	.022	600	.382	(9.70)	.813	(20.65)	.025	(.635)
377C25A1BF333-	.033	600	.452	(11.48)	.813	(20.65)	.025	(.635)
377C25A1BF473-	.047	600	.407	(10.31)	1.156	(29.36)	.025	(.635)
377C25A1BF683-	.068	600	.467	(11.86)	1.156	(29.36)	.025	(.635)
377C25A1BF104-	.10	600	.587	(14.91)	1.156	(29.36)	.032	(.813)
377C25A1BF154-	.15	600	.627	(15.93)	1.343	(34.11)	.032	(.813)
377C25A1BF224-	.22	600	.732	(18.59)	1.343	(34.11)	.040	(1.02)
377C25A1BF334-	.33	600	.732	(18.59)	1.843	(46.81)	.040	(1.02)
377C25A1BF474-	.47	600	.837	(21.26)	1.843	(46.81)	.040	(1.02)
377C25A1BF684-	.68	600	.987	(25.07)	1.843	(46.81)	.040	(1.02)
377C25A1BF105-	1.0	600	1.218	(31.04)	1.843	(46.81)	.040	(1.02)

NOTE: Metric dimensions are shown in parenthesis and are based on 1.000 inch = 25.4 mm.

*NOTE: Add capacitance tolerance letter in place of dash, K for $\pm 10\%$ and M for $\pm 20\%$.

STYLE 25 CHARACTERISTIC L
(METALLIZED DIELECTRIC)
(ROUND, PLASTIC FILM WRAPPED WITH PLASTIC END SEAL)

**REQUIREMENTS:**

Dimensions:	See Table 1	
Capacitance Value:	See Table 1	
Capacitance Tolerance:	$\pm 1\%$, $\pm 2\%$, $\pm 5\%$, $\pm 10\%$, $\pm 20\%$	
DC Rated Voltage at 85°C:	See Table 1 (Capacitors shall be used at 50% of voltage rating for operation at 125°C. Interpolate for intermediate temps.)	
Lead Wire Size:	See Table 1	
Lead Pull Test:	Capacitor Diameter	Force Applied
	(3.56 10.29) .140" through .405" over .405" (10.29)	2.2 pounds (1.0 Kg) 4.4 pounds (2.0 Kg)
Lead Bend Test:	Capacitor Diameter	Force Applied
	.140" through .405" over .405"	1.1 pounds (0.5 Kg) 2.2 pounds (1.0 Kg)
Insulation Resistance:	Minimum	
Capacitance Rating:		
0 to 0.33 μF	at 25°C	30,000 megohms
Over 0.33 μF	at 25°C	10,000 megohms x μF
0 to 0.20 μF	at 85°C	1,000 megohms
Over 0.20 μF	at 85°C	200 megohms x μF
0 to 0.10 μF	at 125°C	150 megohms
Over 0.10 μF	at 125°C	15 megohms x μF
Post-Life-Test Capacitance Change:	Shall not exceed $\pm 10\%$	

TABLE 1
STYLE 25 CHARACTERISTIC L
(Metallized Dielectric)

EIA Part Number	Cap. μF	Rated Voltage DC	Dimensions (Max.)				Wire Size In.	(mm)
			D		L			
			In.	(mm)	In.	(mm)		
377C25A1LA104-*	.10	50	.202	(5.17)	.751	(19.05)	.020	(.508)
377C25A1LA154-	.15	50	.222	(5.61)	.751	(19.05)	.020	(.508)
377C25A1LA224-	.22	50	.247	(6.27)	.751	(19.05)	.020	(.508)
377C25A1LA334-	.33	50	.297	(7.55)	.751	(19.05)	.025	(.635)
377C25A1LA474-	.47	50	.347	(8.81)	.751	(19.05)	.025	(.635)
377C25A1LA684-	.68	50	.312	(7.96)	1.063	(27.00)	.025	(.635)
377C25A1LA105-	1.0	50	.357	(9.01)	1.063	(27.00)	.025	(.635)
377C25A1LA155-	1.5	50	.372	(9.41)	1.313	(33.40)	.025	(.635)
377C25A1LA205-	2.0	50	.437	(11.41)	1.313	(33.40)	.025	(.635)
377C25A1LA305-	3.0	50	.532	(13.51)	1.313	(33.40)	.025	(.635)
377C25A1LA405-	4.0	50	.572	(14.57)	1.438	(36.50)	.032	(.813)
377C25A1LA505-	5.0	50	.572	(14.57)	1.813	(46.10)	.032	(.813)
377C25A1LB104-*	.10	100	.202	(5.17)	.751	(19.05)	.020	(.508)
377C25A1LB154-	.15	100	.222	(5.61)	.751	(19.05)	.020	(.508)
377C25A1LB224-	.22	100	.247	(6.27)	.751	(19.05)	.020	(.508)
377C25A1LB334-	.33	100	.297	(7.55)	.751	(19.05)	.025	(.635)
377C25A1LB474-	.47	100	.347	(8.81)	.751	(19.05)	.025	(.635)
377C25A1LB684-	.68	100	.312	(7.96)	1.063	(27.00)	.025	(.635)
377C25A1LB105-	1.0	100	.357	(9.01)	1.063	(27.00)	.025	(.635)
377C25A1LB155-	1.5	100	.372	(9.41)	1.313	(33.40)	.025	(.635)
377C25A1LB205-	2.0	100	.437	(11.41)	1.313	(33.40)	.025	(.635)
377C25A1LB305-	3.0	100	.532	(13.51)	1.313	(33.40)	.025	(.635)
377C25A1LB405-	4.0	100	.572	(14.57)	1.438	(36.50)	.032	(.813)
377C25A1LB505-	5.0	100	.572	(14.57)	1.813	(46.10)	.032	(.813)
377C25A1LC333-*	.033	200	.212	(5.41)	.626	(15.90)	.020	(.508)
377C25A1LC473-	.047	200	.232	(5.89)	.626	(15.90)	.020	(.508)
377C25A1LC683-	.068	200	.232	(5.89)	.751	(19.05)	.020	(.508)
377C25A1LC104-	.10	200	.272	(7.01)	.751	(19.05)	.020	(.508)
377C25A1LC154-	.15	200	.312	(7.96)	.751	(19.05)	.025	(.635)
377C25A1LC224-	.22	200	.372	(9.41)	.751	(19.05)	.025	(.635)
377C25A1LC334-	.33	200	.422	(10.73)	.751	(19.05)	.025	(.635)
377C25A1LC474-	.47	200	.402	(10.21)	1.063	(27.00)	.025	(.635)
377C25A1LC684-	.68	200	.452	(11.51)	1.063	(27.00)	.025	(.635)
377C25A1LC105-	1.0	200	.532	(13.51)	1.063	(27.00)	.025	(.635)
377C25A1LC155-	1.5	200	.602	(15.27)	1.313	(33.40)	.032	(.813)
377C25A1LC205-	2.0	200	.682	(17.32)	1.313	(33.40)	.032	(.813)
377C25A1LC305-	3.0	200	.712	(18.07)	1.563	(39.70)	.040	(1.02)

TABLE 1 (Continued)

STYLE 25 CHARACTERISTIC L

(Metallized Dielectric)

EIA Part Number	Cap. μF	Rated Voltage DC	Dimensions (Max.)				Wire Size In.	(mm)
			D		L			
			In.	(mm)	In.	(mm)		
377C25A1LC405-	4.0	200	.812	(20.62)	1.813	(46.10)	.040	(1.02)
377C25A1LC505-	5.0	200	.862	(21.87)	1.813	(46.10)	.040	(1.02)
377C25A1LC805-	8.0	200	1.052	(26.77)	1.813	(46.10)	.040	(1.02)
377C25A1LE103-*	.01	400	.212	(5.41)	.626	(15.90)	.020	(.508)
377C25A1LE153-	.015	400	.212	(5.41)	.751	(19.05)	.020	(.508)
377C25A1LE223-	.022	400	.242	(6.11)	.751	(19.05)	.020	(.508)
377C25A1LE333-	.033	400	.282	(7.17)	.751	(19.05)	.020	(.508)
377C25A1LE473-	.047	400	.332	(8.41)	.751	(19.05)	.025	(.635)
377C25A1LE683-	.068	400	.382	(9.71)	.751	(19.05)	.025	(.635)
377C25A1LE104-	.10	400	.357	(9.01)	1.063	(27.00)	.025	(.635)
377C25A1LE154-	.15	400	.409	(10.31)	1.063	(27.00)	.025	(.635)
377C25A1LE224-	.22	400	.432	(11.01)	1.313	(33.40)	.025	(.635)
377C25A1LE334-	.33	400	.482	(12.21)	1.563	(39.70)	.025	(.635)
377C25A1LE474-	.47	400	.582	(14.77)	1.563	(39.70)	.032	(.813)
377C25A1LE684-	.68	400	.687	(16.67)	1.563	(39.70)	.032	(.813)
377C25A1LE105-	1.0	400	.737	(18.71)	1.813	(46.10)	.040	(1.02)
377C25A1LE155-	1.5	400	.887	(22.52)	1.813	(46.10)	.040	(1.02)
377C25A1LE205-	2.0	400	1.012	(25.67)	1.813	(46.10)	.040	(1.02)
377C25A1LE305-	3.0	400	1.052	(26.77)	2.313	(58.80)	.040	(1.02)
377C25A1LE405-	4.0	400	1.124	(28.51)	2.593	(65.81)	.040	(1.02)
377C25A1LF103-*	.01	600	.232	(5.89)	.813	(20.65)	.020	(.508)
377C25A1LF153-	.015	600	.282	(7.17)	.813	(20.65)	.020	(.508)
377C25A1LF223-	.022	600	.332	(8.41)	.813	(20.65)	.025	(.635)
377C25A1LF333-	.033	600	.402	(10.21)	.813	(20.65)	.025	(.635)
377C25A1LF473-	.047	600	.357	(9.01)	1.126	(28.50)	.025	(.635)
377C25A1LF683-	.068	600	.432	(11.01)	1.126	(28.50)	.025	(.635)
377C25A1LF104-	.10	600	.482	(12.21)	1.126	(28.50)	.025	(.635)
377C25A1LF154-	.15	600	.507	(12.91)	1.313	(33.40)	.025	(.635)
377C25A1LF224-	.22	600	.637	(16.17)	1.313	(33.40)	.032	(.813)
377C25A1LF334-	.33	600	.622	(15.77)	1.813	(46.10)	.032	(.813)
377C25A1LF474-	.47	600	.737	(18.71)	1.813	(46.10)	.040	(1.02)
377C25A1LF684-	.68	600	.862	(21.87)	1.813	(46.10)	.040	(1.02)
377C25A1LF105-	1.0	600	1.012	(25.67)	1.813	(46.10)	.040	(1.02)

*NOTE: Add capacitance tolerance letter in place of dash, F for $\pm 1\%$, G for $\pm 2\%$, J for $\pm 5\%$, K for $\pm 10\%$, and M for $\pm 20\%$.

NOTE: Metric dimensions are shown in parenthesis and are based on 1.000 inch = 25.4 mm.