

U37D Series



- Large Can
- Screw Terminals
- High Ripple
- 350 to 550VDC Voltage Range
- High Capacitance
- RoHS Compliant
- +85°C Maximum Temperature
- 2,000 Hours Lifetime at +85°C



The U37D series is a high voltage screw mount series that is ideal for inverter applications requiring high ripple current capabilities. The U37D series has a voltage range of 350 to 550 volts and an endurance rating of 2,000 hours at +85°C with the rated ripple current applied. These capacitors are available with a variety of high current English or Metric thread terminals. Mounting options include a three-footed clamp or bottom threaded stud. Custom designs are available upon request.

Summary of Specifications

- Screw terminals: high and low post, English and Metric thread.
- Capacitance range: 1,000 to 22,000µF.
- Voltage range: 350 to 550VDC.
- Category temperature range: -40°C to +85°C.
- Leakage current: 0.02CV(µA) or 5mA, whichever is smaller, after 5 minutes at +25°C.
- Standard capacitance tolerance: ±20%
- Nominal case size (D × L): D = 50.8mm (2.000") to 89mm (3.500"); L = 79mm (3.125") to 219mm (8.625").
- Rated lifetime: 2,000 hours at +85°C with rated ripple current applied.

U37D Series

U37D Specifications - Screw Terminals

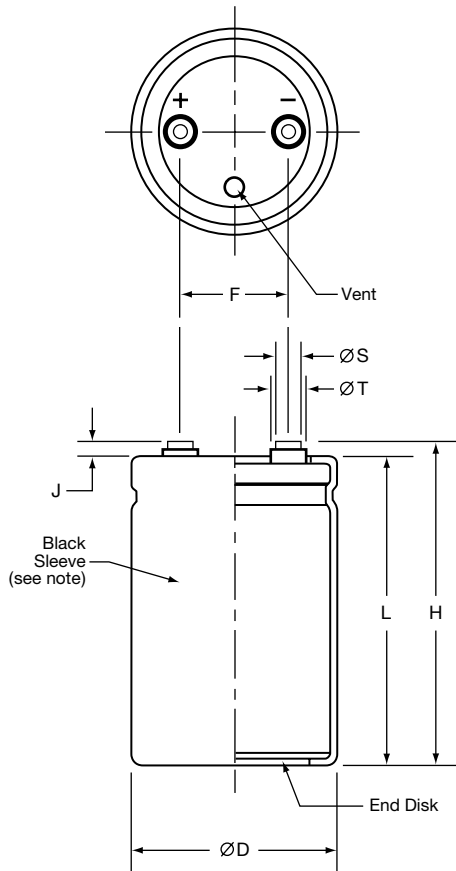
Item	Characteristics																																															
Category Temperature Range	− 40 to +85°C																																															
Rated Voltage Range	350 to 550VDC																																															
Capacitance Range	1,000 to 22,000μF at +25°C, 120Hz																																															
Capacitance Tolerance	± 20% (M) at +25°C, 120Hz																																															
Leakage Current	I = 0.02CV (μA) or 5mA, whichever is smaller, after 5 minutes at +25°C. Where I = Max. leakage current (μA), C = Nominal capacitance (μF) and V = Rated voltage (V)																																															
Rated Ripple Current Multipliers	Ambient Temperature (°C) <table><tr><td>≤ +45°C</td><td>+65°C</td><td>+85°C</td></tr><tr><td>2.82</td><td>1.73</td><td>1.00</td></tr></table> Frequency (Hz) <table><tr><td>DC Rated Voltage</td><td>50Hz</td><td>120Hz</td><td>300Hz</td><td>1kHz</td><td>10kHz</td><td>100kHz</td></tr><tr><td>350-550V</td><td>0.30</td><td>1.00</td><td>1.20</td><td>1.30</td><td>1.40</td><td>1.41</td></tr></table>	≤ +45°C	+65°C	+85°C	2.82	1.73	1.00	DC Rated Voltage	50Hz	120Hz	300Hz	1kHz	10kHz	100kHz	350-550V	0.30	1.00	1.20	1.30	1.40	1.41																											
≤ +45°C	+65°C	+85°C																																														
2.82	1.73	1.00																																														
DC Rated Voltage	50Hz	120Hz	300Hz	1kHz	10kHz	100kHz																																										
350-550V	0.30	1.00	1.20	1.30	1.40	1.41																																										
Endurance (Load Life)	The following specifications shall be satisfied when the capacitors are restored to +25°C after subjecting them to DC voltage for 2,000 hours at +85°C with the rated ripple current applied. The sum of the DC voltage and peak AC voltage must not exceed the full rated voltage of the capacitors. Capacitance change: ≤ 20% from initial measurement ESR change : ≤ 200% of initial specified limit Leakage current : ≤ initial specified limit																																															
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to +25°C after exposing them for 500 hours at +85°C without voltage applied. The rated voltage shall be applied to the capacitors for a minimum of 30 minutes, at least 24 hours and not more than 48 hours before the measurements. Capacitance change: ≤ 20% from initial measurement ESR change : ≤ 200% of initial specified limit Leakage current : ≤ initial specified limit																																															
Vibration Rating	10-55Hz, 10g sinusoidal in three axes, 2 hours per axis.																																															
Maximum Tightening Torque	<table><tr><td>Terminal Code</td><td>HP</td><td>HL</td><td>CD</td><td>CP</td><td>CH</td><td>CA</td><td>CS</td></tr><tr><td>Thread Size</td><td>10- 32 NF-2B</td><td>M5x0.8-6H</td><td></td><td>1/4- 28 NF-2B</td><td></td><td>M6x1-6H</td><td></td></tr><tr><td>3 Threads Engaged</td><td colspan="3">2.0 N·m (18.0 in·lb)</td><td colspan="4">4.0 N·m (35.0 in·lb)</td></tr><tr><td>6 Threads Engaged</td><td colspan="3">2.8 N·m (25.0 in·lb)</td><td colspan="4">6.2 N·m (55.0 in·lb)</td></tr></table>	Terminal Code	HP	HL	CD	CP	CH	CA	CS	Thread Size	10- 32 NF-2B	M5x0.8-6H		1/4- 28 NF-2B		M6x1-6H		3 Threads Engaged	2.0 N·m (18.0 in·lb)			4.0 N·m (35.0 in·lb)				6 Threads Engaged	2.8 N·m (25.0 in·lb)			6.2 N·m (55.0 in·lb)																		
Terminal Code	HP	HL	CD	CP	CH	CA	CS																																									
Thread Size	10- 32 NF-2B	M5x0.8-6H		1/4- 28 NF-2B		M6x1-6H																																										
3 Threads Engaged	2.0 N·m (18.0 in·lb)			4.0 N·m (35.0 in·lb)																																												
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Typical Inductance (nH) at 1MHz	<table><tr><td rowspan="2">Case Diameter (mm)</td><td colspan="7">Terminal Code</td></tr><tr><td>HP</td><td>HL</td><td>CD</td><td>CP</td><td>CH</td><td>CA</td><td>CS</td></tr><tr><td>ø50.8</td><td>—</td><td>—</td><td>NA</td><td>NA</td><td>NA</td><td>NA</td><td>NA</td></tr><tr><td>ø63.5</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td></tr><tr><td>ø76.2</td><td>30</td><td>30</td><td>25</td><td>20</td><td>25</td><td>20</td><td>25</td></tr><tr><td>ø89.0</td><td>30</td><td>30</td><td>25</td><td>20</td><td>25</td><td>20</td><td>25</td></tr></table>	Case Diameter (mm)	Terminal Code							HP	HL	CD	CP	CH	CA	CS	ø50.8	—	—	NA	NA	NA	NA	NA	ø63.5	—	—	—	—	—	—	—	ø76.2	30	30	25	20	25	20	25	ø89.0	30	30	25	20	25	20	25
Case Diameter (mm)	Terminal Code																																															
	HP	HL	CD	CP	CH	CA	CS																																									
ø50.8	—	—	NA	NA	NA	NA	NA																																									
ø63.5	—	—	—	—	—	—	—																																									
ø76.2	30	30	25	20	25	20	25																																									
ø89.0	30	30	25	20	25	20	25																																									
Custom Designs	Custom CV values per case size and termination type may be available upon request. Contact appropriate representative with specific requirements.																																															

U37D Series

Diagram of Dimensions - Screw Terminals

Large Can/Screw Terminals

Unit: mm (inches)



Note:

In some cases, the color of the sleeve may change slightly due to the operating conditions, however, the discoloration will not impair capacitor function.

Case Dimensions and Standard Box Quantities

Case Size Code	ØD +2.0 (0.080)	L ±1.0 (0.040)	F ±0.25 (0.010)	Standard Box Quantity
C79 C92 CA5 CB7 CD0 CE3	50.8 (2.000)	79 (3.125) 92 (3.625) 105 (4.125) 117 (4.625) 130 (5.125) 143 (5.625)	22.2 (0.875)	49
D79 DA5 DB7 DD0 DE3	63.5 (2.500)	79 (3.125) 105 (4.125) 117 (4.625) 130 (5.125) 143 (5.625)	28.6 (1.125)	20
E92 EA5 EB7 ED0 EE3 EM9	76.2 (3.000)	92 (3.625) 105 (4.125) 117 (4.625) 130 (5.125) 143 (5.625) 219 (8.625)	31.8 (1.250)	16 ----- 9
F92 FA5 FB7 FD0 FE3 FJ1 FM9	89.0 (3.500)	92 (3.625) 105 (4.125) 117 (4.625) 130 (5.125) 143 (5.625) 181 (7.125) 219 (8.625)	31.8 (1.250)	5

Terminal Specifications

Terminal Code	Available Case Diameter		Thread Size	Minimum Thread Depth	J ±0.5 (0.020)	H ±2.0 (0.080)	ØS ±0.25 (0.010)	ØT ±0.25 (0.010)
	ØD Code	ØD mm (inches)						
HP	C	50.8 (2.000)	10-32 NF-2B	9.5 (0.375)	6.4 (0.250)	L+J	8.0 (0.313)	11.1 (0.438)
HL	C	50.8 (2.000)	M5x0.8-6H	9.5 (0.375)	6.4 (0.250)	L+J	8.0 (0.313)	11.1 (0.438)
CD	D-E	63.5 - 76.2 (2.500 - 3.000)	M5x0.8-6H	8.5 (0.335)	5.0 (0.200)	L+J	13.0 (0.512)	18.8 (0.740)
CP	D-F	63.5 - 89.0 (2.500 - 3.500)	1/4 - 28 NF-2B	8.7 (0.344)	2.4 (0.093)	L+J	17.5 (0.689)	—
CH	D-F	63.5 - 89.0 (2.500 - 3.500)	1/4 - 28 NF-2B	11.9 (0.468)	6.4 (0.250)	L+J	17.5 (0.689)	—
CA	D-F	63.5 - 89.0 (2.500 - 3.500)	M6x1-6H	8.7 (0.344)	2.4 (0.093)	L+J	17.5 (0.689)	—
CS	D-F	63.5 - 89.0 (2.500 - 3.500)	M6x1-6H	11.9 (0.468)	6.4 (0.250)	L+J	17.5 (0.689)	—

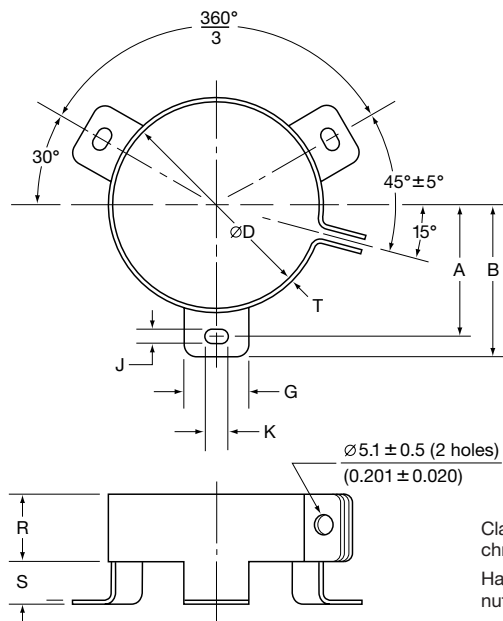
Mounting Hardware is optional. Refer to hardware specifications on the following page.

U37D Series

Mounting Hardware - Screw Terminals

Type C: Three-Footed Clamp

Unit: mm (inches)

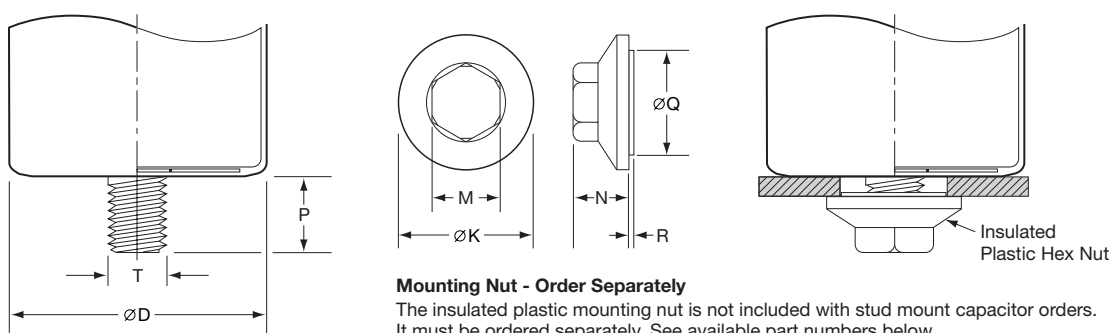


Clamp: Zinc with silver trivalent chromate post treatment.
Hardware: Screw, washer and hexagon nut included with each clamp.

Type C: Clamp Dimensions

Mounting Code	Case $\varnothing D$	A $\pm 1.0 (0.040)$	B $\pm 1.0 (0.040)$	G $\pm 1.0 (0.040)$	J $\pm 0.5 (0.020)$	K $\pm 0.5 (0.020)$	R $\pm 1.0 (0.040)$	S $\pm 1.0 (0.040)$	T $\pm 0.5 (0.020)$
C	50.8 (2.000)	31.8 (1.250)	36.5 (1.437)	13.3 (0.524)	4.5 (0.177)	7.1 (0.280)	19.1 (0.751)	9.5 (0.374)	0.8 (0.032)
C	63.5 (2.500)	38.1 (1.500)	42.9 (1.689)	13.3 (0.524)	4.5 (0.177)	7.1 (0.280)	19.1 (0.751)	9.5 (0.374)	0.8 (0.032)
C	76.2 (3.000)	44.5 (1.750)	49.2 (1.937)	13.3 (0.524)	4.5 (0.177)	7.1 (0.280)	19.1 (0.751)	9.5 (0.374)	1.0 (0.040)
C	89.0 (3.500)	50.8 (2.000)	56.5 (2.224)	16.0 (0.630)	4.5 (0.177)	8.0 (0.313)	21.0 (0.827)	9.0 (0.354)	1.0 (0.040)

Type S: Stud Mounting



Mounting Nut - Order Separately

The insulated plastic mounting nut is not included with stud mount capacitor orders. It must be ordered separately. See available part numbers below.

Type S: Stud Dimensions

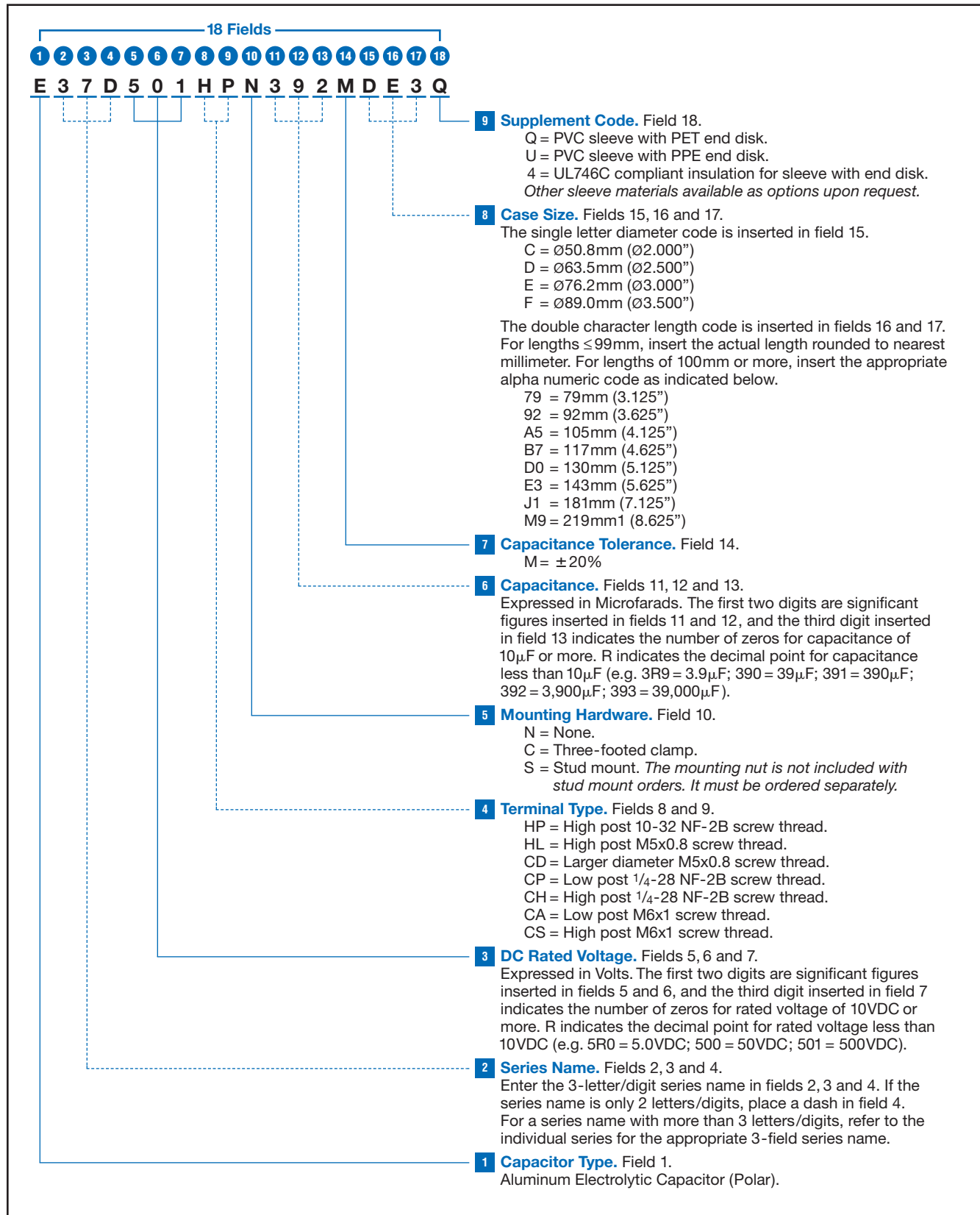
Mounting Code	P $\pm 1.0 (0.040)$	T Thread Size
S	16.0 (0.630)	M12

Mounting Nut Dimensions

Part Number	$\varnothing K$ $\pm 2.0 (0.080)$	M $\pm 1.0 (0.040)$	N $\pm 1.0 (0.040)$	$\varnothing Q$ $\pm 1.0 (0.040)$	R $\pm 1.0 (0.040)$
50-8D	30.0 (1.181)	19.0 (0.748)	18.0 (0.709)	22.0 (0.866)	1.40 (0.055)
50-8E	38.0 (1.496)	19.0 (0.748)	18.0 (0.709)	30.0 (1.181)	1.40 (0.055)

U37D Series

Part Numbering System for U37D Series When ordering, always specify complete 18-field global part number.



U37D Series

Standard Voltage Ratings - Screw Terminals

Rated Voltage (WVDC)	Capacitance (µF)	Global Part Number†	Nominal Case Size* D × L (mm)	Case Size Code	Maximum ESR (mΩ) at +25°C, 120Hz	Rated Ripple Current (A rms) at +85°C, 120Hz
350 Volts 400 Volts Surge	1,800	E37D351HPN182MC79Q	50.8 × 79	C79	51.1	8.2
	2,200	E37D351HPN222MC92Q	50.8 × 92	C92	41.8	9.6
	2,700	E37D351HPN272MCA5Q	50.8 × 105	CA5	34.1	11.1
	3,300	E37D351HPN332MCB7Q	50.8 × 117	CB7	27.9	12.8
	3,900	E37D351HPN392MCD0Q	50.8 × 130	CD0	23.6	14.4
	3,900	E37D351HPN392MCE3Q	50.8 × 143	CE3	23.6	14.9
	2,700	E37D351CPN272MD79Q	63.5 × 79	D79	34.1	11.3
	4,700	E37D351CPN472MDA5Q	63.5 × 105	DA5	19.6	16.4
	4,700	E37D351CPN472MDB7Q	63.5 × 117	DB7	19.6	17.0
	5,600	E37D351CPN562MDD0Q	63.5 × 130	DD0	16.4	19.4
	6,800	E37D351CPN682MDE3Q	63.5 × 143	DE3	13.5	22.0
	5,600	E37D351CPN562ME92Q	76.2 × 92	E92	16.4	19.1
	6,800	E37D351CPN682MEA5Q	76.2 × 105	EA5	13.5	22.0
	6,800	E37D351CPN682MEB7Q	76.2 × 117	EB7	13.5	22.7
	8,200	E37D351CPN822MED0Q	76.2 × 130	ED0	11.2	25.9
	10,000	E37D351CPN103MEE3Q	76.2 × 143	EE3	9.2	29.6
	18,000	E37D351CPN183MEM9Q	76.2 × 219	EM9	5.1	46.5
	6,800	E37D351CPN682MF92Q	89 × 92	F92	14.7	22.2
	8,200	E37D351CPN822MFA5Q	89 × 105	FA5	12.2	25.3
	10,000	E37D351CPN103MFB7Q	89 × 117	FB7	10.0	29.0
	12,000	E37D351CPN123MFD0Q	89 × 130	FD0	8.3	33.1
	12,000	E37D351CPN123MFE3Q	89 × 143	FE3	8.3	33.8
	18,000	E37D351CPN183MFJ1Q	89 × 181	FJ1	5.6	45.8
	22,000	E37D351CPN223MFM9Q	89 × 219	FM9	4.5	53.7
400 Volts 450 Volts Surge	1,500	E37D401HPN152MC79Q	50.8 × 79	C79	61.3	7.5
	1,800	E37D401HPN182MC92Q	50.8 × 92	C92	51.1	8.6
	2,200	E37D401HPN222MCA5Q	50.8 × 105	CA5	41.8	10.0
	2,700	E37D401HPN272MCB7Q	50.8 × 117	CB7	34.1	11.6
	3,300	E37D401HPN332MCD0Q	50.8 × 130	CD0	27.9	13.2
	3,300	E37D401HPN332MCE3Q	50.8 × 143	CE3	27.9	13.7
	2,700	E37D401CPN272MD79Q	63.5 × 79	D79	34.1	11.3
	3,900	E37D401CPN392MDA5Q	63.5 × 105	DA5	23.6	14.9
	4,700	E37D401CPN472MDB7Q	63.5 × 117	DB7	19.6	17.0
	5,600	E37D401CPN562MDD0Q	63.5 × 130	DD0	16.4	19.4
	5,600	E37D401CPN562MDE3Q	63.5 × 143	DE3	16.4	20.0
	4,700	E37D401CPN472ME92Q	76.2 × 92	E92	19.6	17.5
	5,600	E37D401CPN562MEA5Q	76.2 × 105	EA5	16.4	20.0
	6,800	E37D401CPN682MEB7Q	76.2 × 117	EB7	13.5	22.7
	8,200	E37D401CPN822MED0Q	76.2 × 130	ED0	11.2	25.9
	8,200	E37D401CPN822MEE3Q	76.2 × 143	EE3	11.2	26.8
	15,000	E37D401CPN153MEM9Q	76.2 × 219	EM9	6.1	42.5
	5,600	E37D401CPN562MF92Q	89 × 92	F92	17.9	20.1
	6,800	E37D401CPN682MFA5Q	89 × 105	FA5	14.7	23.0
	8,200	E37D401CPN822MFB7Q	89 × 117	FB7	12.2	26.2
	10,000	E37D401CPN103MFD0Q	89 × 130	FD0	10.0	30.2
	12,000	E37D401CPN123MFE3Q	89 × 143	FE3	8.3	33.8
	15,000	E37D401CPN153MFJ1Q	89 × 181	FJ1	6.7	41.8
	18,000	E37D401CPN183MFM9Q	89 × 219	FM9	5.6	48.6
450 Volts 500 Volts Surge	1,200	E37D451HPN122MC79Q	50.8 × 79	C79	76.7	6.7
	1,500	E37D451HPN152MC92Q	50.8 × 92	C92	61.3	7.9
	1,800	E37D451HPN182MCA5Q	50.8 × 105	CA5	51.1	9.1
	2,200	E37D451HPN222MCB7Q	50.8 × 117	CB7	41.8	10.4
	2,700	E37D451HPN272MCD0Q	50.8 × 130	CD0	34.1	12.0
	2,700	E37D451HPN272MCE3Q	50.8 × 143	CE3	34.1	12.4
	2,200	E37D451CPN222MD79Q	63.5 × 79	D79	41.8	10.2
	3,300	E37D451CPN332MDA5Q	63.5 × 105	DA5	27.9	13.7

† For terminal, mounting and construction options, refer to the part numbering system for descriptions and codes.

* Refer to diagram of dimensions for detailed case size specifications.

U37D Series

Standard Voltage Ratings - Screw Terminals

Rated Voltage (WVDC)	Capacitance (μF)	Global Part Number†	Nominal Case Size* D × L (mm)	Case Size Code	Maximum ESR (mΩ) at +25°C, 120Hz	Rated Ripple Current (A rms) at +85°C, 120Hz
450 Volts 500 Volts Surge	3,900	E37D451CPN392MDB7Q	63.5 × 117	DB7	23.6	15.5
	4,700	E37D451CPN472MDD0Q	63.5 × 130	DD0	19.6	17.8
	4,700	E37D451CPN472MDE3Q	63.5 × 143	DE3	19.6	18.3
	3,900	E37D451CPN392ME92Q	76.2 × 92	E92	23.6	15.9
	4,700	E37D451CPN472MEA5Q	76.2 × 105	EA5	19.6	18.3
	5,600	E37D451CPN562MEB7Q	76.2 × 117	EB7	16.4	20.6
	6,800	E37D451CPN682MED0Q	76.2 × 130	ED0	13.5	23.5
	6,800	E37D451CPN682MEE3Q	76.2 × 143	EE3	13.5	24.4
	12,000	E37D451CPN123MEM9Q	76.2 × 219	EM9	7.7	38.0
	5,600	E37D451CPN562MF92Q	89 × 92	F92	17.9	20.1
	6,800	E37D451CPN682MFA5Q	89 × 105	FA5	14.7	23.0
	6,800	E37D451CPN682MFB7Q	89 × 117	FB7	14.7	23.9
	8,200	E37D451CPN822MFD0Q	89 × 130	FD0	12.2	27.4
	10,000	E37D451CPN103MFE3Q	89 × 143	FE3	10.0	30.9
	12,000	E37D451CPN123MFJ1Q	89 × 181	FJ1	8.3	37.4
	18,000	E37D451CPN183MFM9Q	89 × 219	FM9	5.6	48.6
500 Volts 550 Volts Surge	1,200	E37D501HPN122MC79Q	50.8 × 79	C79	76.7	6.7
	1,500	E37D501HPN152MC92Q	50.8 × 92	C92	61.3	7.9
	1,800	E37D501HPN182MCA5Q	50.8 × 105	CA5	51.1	9.1
	1,800	E37D501HPN182MCB7Q	50.8 × 117	CB7	51.1	9.5
	2,200	E37D501HPN222MCD0Q	50.8 × 130	CD0	41.8	10.8
	2,700	E37D501HPN272MCE3Q	50.8 × 143	CE3	34.1	12.4
	1,500	E37D501CPN152MD79Q	63.5 × 79	D79	61.3	8.4
	2,200	E37D501CPN222MDA5Q	63.5 × 105	DA5	41.8	11.2
	2,700	E37D501CPN272MDB7Q	63.5 × 117	DB7	34.1	12.9
	3,300	E37D501CPN332MDD0Q	63.5 × 130	DD0	27.9	14.9
	3,900	E37D501CPN392MDE3Q	63.5 × 143	DE3	23.6	16.7
	2,700	E37D501CPN272ME92Q	76.2 × 92	E92	34.1	13.3
	3,300	E37D501CPN332MEA5Q	76.2 × 105	EA5	27.9	15.3
	3,900	E37D501CPN392MEB7Q	76.2 × 117	EB7	23.6	17.2
	4,700	E37D501CPN472MED0Q	76.2 × 130	ED0	19.6	19.6
	5,600	E37D501CPN562MEE3Q	76.2 × 143	EE3	16.4	22.2
	8,200	E37D501CPN822MEM9Q	76.2 × 219	EM9	11.2	31.4
	3,900	E37D501CPN392MF92Q	89 × 92	F92	25.6	16.8
	4,700	E37D501CPN472MFA5Q	89 × 105	FA5	21.3	19.1
	5,600	E37D501CPN562MFB7Q	89 × 117	FB7	17.9	21.7
	6,800	E37D501CPN682MFD0Q	89 × 130	FD0	14.7	24.9
	6,800	E37D501CPN682MFE3Q	89 × 143	FE3	14.7	25.5
	10,000	E37D501CPN103MFJ1Q	89 × 181	FJ1	10.0	34.2
	12,000	E37D501CPN123MFM9Q	89 × 219	FM9	8.3	39.7
550 Volts 600 Volts Surge	1,000	E37D551HPN102MC79Q	50.8 × 79	C79	92.0	6.1
	1,200	E37D551HPN122MC92Q	50.8 × 92	C92	76.7	7.1
	1,500	E37D551HPN152MCA5Q	50.8 × 105	CA5	61.3	8.3
	1,500	E37D551HPN152MCB7Q	50.8 × 117	CB7	61.3	8.6
	1,800	E37D551HPN182MCD0Q	50.8 × 130	CD0	51.1	9.8
	2,200	E37D551HPN222MCE3Q	50.8 × 143	CE3	41.8	11.2
	1,200	E37D551CPN122MD79Q	63.5 × 79	D79	76.7	7.6
	1,800	E37D551CPN182MDA5Q	63.5 × 105	DA5	51.1	10.1
	2,200	E37D551CPN222MDB7Q	63.5 × 117	DB7	41.8	11.7
	2,700	E37D551CPN272MDD0Q	63.5 × 130	DD0	34.1	13.5
	2,700	E37D551CPN272MDE3Q	63.5 × 143	DE3	34.1	13.9
	2,200	E37D551CPN222ME92Q	76.2 × 92	E92	41.8	12.0
	2,700	E37D551CPN272MEA5Q	76.2 × 105	EA5	34.1	13.9
	3,300	E37D551CPN332MEB7Q	76.2 × 117	EB7	27.9	15.8
	3,900	E37D551CPN392MED0Q	76.2 × 130	ED0	23.6	17.8

† For terminal, mounting and construction options, refer to the part numbering system for descriptions and codes.

* Refer to diagram of dimensions for detailed case size specifications.

U37D Series

Standard Voltage Ratings - Screw Terminals

Rated Voltage (WVDC)	Capacitance (μF)	Global Part Number†	Nominal Case Size* D × L (mm)	Case Size Code	Maximum ESR (mΩ) at +25°C, 120Hz	Rated Ripple Current (A rms) at +85°C, 120Hz
550 Volts 600 Volts Surge	4,700	E37D551CPN472MEE3Q	76.2 × 143	EE3	19.6	20.3
	6,800	E37D551CPN682MEM9Q	76.2 × 219	EM9	13.5	28.6
	3,300	E37D551CPN332MF92Q	89 × 92	F92	30.3	15.5
	3,900	E37D551CPN392MFA5Q	89 × 105	FA5	25.6	17.4
	4,700	E37D551CPN472MFB7Q	89 × 117	FB7	21.3	19.9
	4,700	E37D551CPN472MFD0Q	89 × 130	FD0	21.3	20.7
	5,600	E37D551CPN562MFE3Q	89 × 143	FE3	17.9	23.1
	8,200	E37D551CPN822MFJ1Q	89 × 181	FJ1	12.2	30.9
	10,000	E37D551CPN103MFM9Q	89 × 219	FM9	10.0	36.2

† For terminal, mounting and construction options, refer to the part numbering system for descriptions and codes.

* Refer to diagram of dimensions for detailed case size specifications.