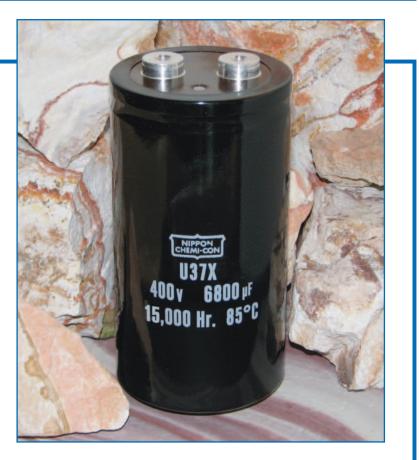
# U37X Series



- Large Can
- Screw Terminals
- General Purpose U37 Grade
- High Ripple
- 350 to 500VDC Ratings
- RoHS Compliant
- 15,000 Hours Lifetime at +85°C
- Up to 175,000 Hours Useful Life



The U37X series is the longest life version of the U37 grade series and is specifically designed to provide the ripple current capability and long life required for high reliability inverter applications. The U37X has an endurance rating of 15,000 hours at +85°C with the rated ripple current applied. The useful life can exceed 175,000 hours at +40°C and 2.1x the ripple current. These capacitors are available in a variety of high current English or Metric thread terminals. Mounting options include a three-footed clamp or bottom threaded stud. Custom designs are also available.

#### - Summary of Specifications

- Screw terminals: high and low post, English and Metric thread.
- Capacitance range: 1,200 to 18,000µF.
- Voltage range: 350 to 500VDC.
- 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 = 50mm (2.000") to 89mm (3.500"); L = 92mm (3.625") to 219mm (8.625").

Product specifications in this catalog are subject to change without notice. Request our product specifications before purchase and/or use. Please use our products based on the information contained in this catalog and product specifications

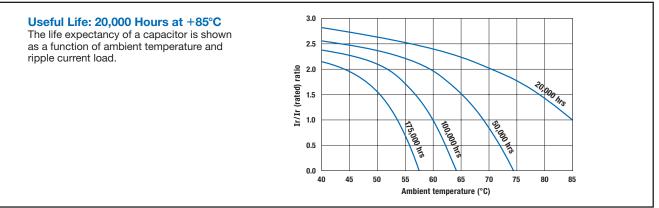
Rated lifetime: 15,000 hours at +85°C with rated ripple current applied.

#### **U37X Specifications - Screw Terminals**

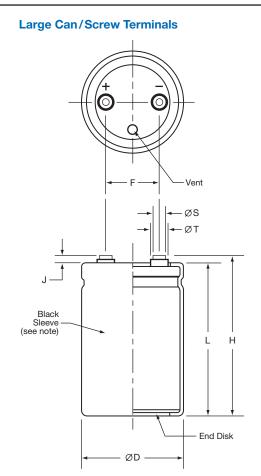
Item	Characteristics								
Category Temperature Range	-40 to +85°C								
Rated Voltage Range	350 to 500VDC								
Capacitance Range	1,200 to 18,000µF	at +25°C.	120Hz						
Capacitance Tolerance	±20% (M) at +25								
	( ),				<del>()</del>		20		
Leakage Current	$I = 0.02CV (\mu A) o$				-				
	Where I = Max. leal	-	nt (μΑ), (	J = NOM	inal capacita	nce (µ⊢) an	d v = Rated	voltage (V)	
Rated Ripple Current Multipliers	Ambient Temperat	ure (°C)							
	+45°C +65	°C +	85°C						
	2.82 1.7	3 1	.00						
	Frequency (Hz)								
	DC Rated Voltage	50Hz	12	20Hz	300Hz	1kHz	3kHz	10kHz	
	350-500V	0.80		.00	1.20	1.30	1.40	1.41	
	To determine maximu	ım ripple cı	irrent at a s	specified	temperature a	nd frequency,	use the appr	opriate	
	multiplier shown.								
Endurance (Load Life)	The following specifications shall be satisfied when the capacitors are restored to +25°C after subjecting them to DC voltage for 15,000 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								
Useful Life	With specified standard voltage and ripple current applied, typical life as function of ambient temperature is listed below.								
	+85°C 20,000 hours max. Capacitance change: ≤ 30% from initial measurement								
	+65°C 71,600 hours max. ESR change : ≤ 300% of initial specified limit								
	+45°C 175,000 hours max. 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 sinus	soidal in th	ree axes	, 2 hours	s per axis.				
Maximum Tightening Torque	-						1		
0	Terminal Code		HP	HL		CP	CH C/		
	Thread Size		32 NF-2B		15x0.8-6H	<sup>1</sup> / <sub>4</sub> - 28 NF		M6x1-6H	
	3 Threads Engage			m (18.0 ir				,	
	6 Threads Engage	u	2.0 11+1	m (25.0 ir	111)	0.2	2 N∙m (55.0 ii	1•10)	
Typical Inductance (nH)									
at 1MHz	Case Diameter (mm)	ЦР	, 11		Terminal (		<u> </u>	00	
	Ø50.8	HP	HL			CH	CA	CS NA	
	Ø50.8 Ø63.5		_	N/		NA	NA	INA	
	Ø63.5 Ø76.2	30	30	25		25	20	25	
	Ø78.2 Ø89.0	30	30	25		25	20	25	
		~~							

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#### **U37X Useful Life**



#### **Diagram of Dimensions - Screw Terminals**



Case Size Code	ØD +2.0 (0.080)	L ±1.0 (0.040)	F ±0.25 (0.010)	
CB7		117 (4 625)		

**Case Dimensions and Standard Box Quantities** 

Size Code	+2.0 (0.080)	±1.0 (0.040)	±0.25 (0.010)	Box Quantity
CB7 CD0	50.8 (2.000)	117 (4.625) 130 (5.125)	22.2 (0.875)	49
D92 DA5 DB7 DD0 DE3	63.5 (2.500)	92 (3.625) 105 (4.125) 117 (4.625) 130 (5.125) 143 (5.625)	28.6 (1.125)	20
E92 EA5 EB7 EE3	76.2 (3.000)	92 (3.625) 105 (4.125) 117 (4.625) 143 (5.625)	31.8 (1.250)	16
EJ1 EM9		181 (7.125) 219 (8.625)		9
F92 FA5 FB7 FE3 FF5 FK0 FM9	89.0 (3.500)	92 (3.625) 105 (4.125) 117 (4.625) 143 (5.625) 155 (6.125) 190 (7.500) 219 (8.625)	31.8 (1.250)	5

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.

#### **Terminal Specifications**

Terminal Code	Ava	ailable Case Diameter	Thread	Minimum		н	a S	øт
	ØD Code	ØD mm (inches)	Inread		± 0.5 (0.020)	н ±2.0 (0.080)	ØS ±0.25 (0.010)	± 0.25 (0.010)
HP	С	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	С	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)	
СН	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)	_

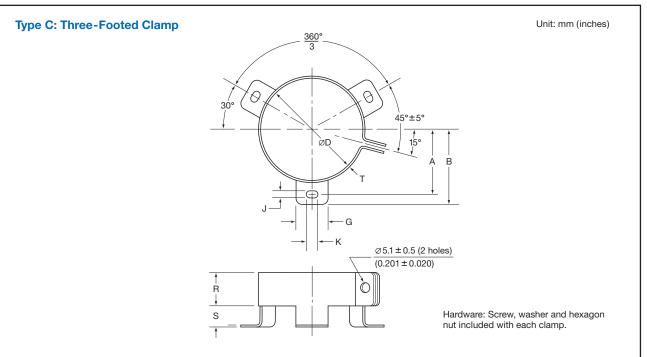
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Mounting Hardware is optional. Refer to hardware specifications on the following page.

Unit: mm (inches)

Standard

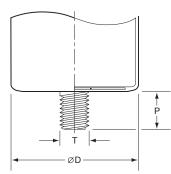
#### **Mounting Hardware - Screw Terminals**

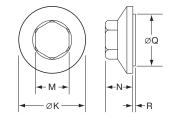


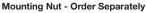
#### Type C: Clamp Dimensions

Mounting Code	Case ØD	A ±1.0 (0.040)	B ±1.0 (0.040)	G ±1.0 (0.040)	J ±0.5 (0.020)	K ±0.5 (0.020)	R ±1.0 (0.040)	S ±1.0 (0.040)	T ±0.5 (0.020)
С	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)
С	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)
С	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)
С	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**







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

Insulated

Plastic Hex Nut

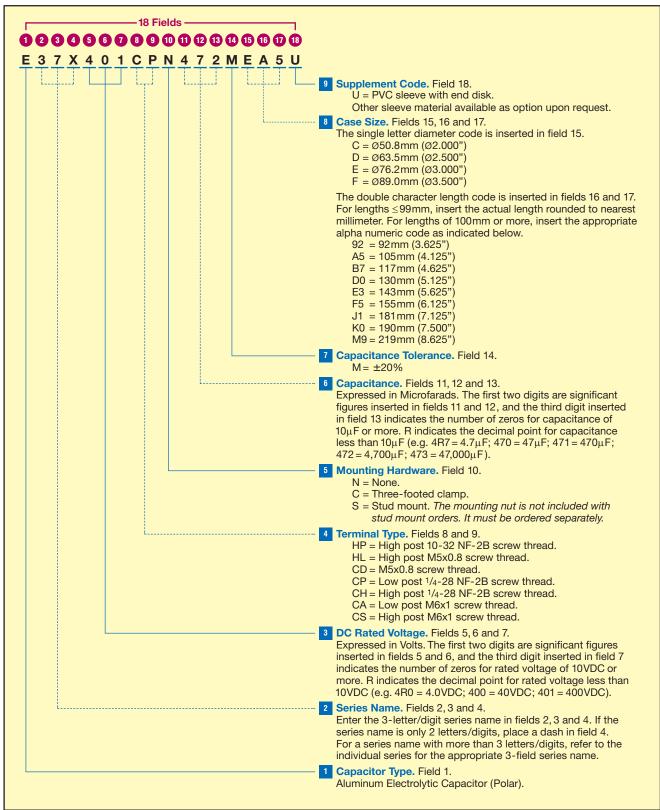
#### Type S: Stud Dimensions

Mounting	P	T
Code	±1.0 (0.040)	Thread Size
S	16.0 (0.630)	M12

#### **Mounting Nut Dimensions**

Part Number	ØK ±2.0 (0.080)	M ±1.0 (0.040)	N ±1.0 (0.040)	øQ ±1.0 (0.040)	R ±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)

Part Numbering System for U37X Series When ordering, always specify complete 18-field global part number.



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#### **Standard Voltage Ratings - Screw Terminals**

Rated Voltage	Capacitance (µF)	Global Part Number†	Nominal Case Size*	Case Size	Maximum ESR (m $\Omega$ ) at			
(WVDC)	(με)		D×L (mm)	Code	+25°C, 120Hz	120Hz	300Hz	>3kHz
	2,700	E37X351HPN272MCB7U	50 × 117	CB7	35	9.6	11.5	13.4
	3,300	E37X351HPN332MCD0U	50 × 130	CD0	31	10.6		14.9
	2,700	E37X351CPN272MD92U	63.5 × 92	D92	37	9.7		13.5
	3,300	E37X351CPN332MDA5U	63.5 × 105	D92 DA5	31	11.1		15.5
	3,900	E37X351CPN392MDB7U	63.5 × 105	DAS DB7	26	12.4		17.4
	4,700	E37X351CPN472MDD0U	63.5 × 130	DD0	23	13.8		17.4
	4,700		63.5 × 143	DE3				
	,	E37X351CPN472MDE3U E37X351CPN392ME92U			21	15.1		21.2
	3,900 4,700		76.2 × 92 76.2 × 105	E92	26 22	12.7		17.8
350 Volts	,	E37X351CPN472MEA5U		EA5		14.5		20.3
	5,600	E37X351CPN562MEB7U	76.2 × 117	EB7	19	16.3		22.8
400 Volts Surge	8,200	E37X351CPN822MEE3U	76.2 × 143	EE3	15	19.8		27.7
	10,000	E37X351CPN103MEJ1U	76.2 × 181	EJ1	11	25.0		35.0
	12,000	E37X351CPN123MEM9U	76.2 × 219	EM9	9	30.1		42.2
	5,600	E37X351CPN562MF92U	89 × 92	F92	19	16.2		22.7
	6,800	E37X351CPN682MFA5U	89 × 105	FA5	16	18.5		25.9
	8,200	E37X351CPN822MFB7U	89 × 117	FB7	14	20.7		29.0
	12,000	E37X351CPN123MFE3U	89 × 143	FE3	11	25.2		35.2
	12,000	E37X351CPN123MFF5U	89 × 155	FF5	10	27.3	32.8	38.2
	15,000	E37X351CPN153MFK0U	89 × 190	FK0	8	33.3	40.0	46.6
	18,000	E37X351CPN183MFM9U	89 × 219	FM9	6	38.2	45.8	53.5
	2,700	E37X401HPN272MCB7U	50 × 117	CB7	41	8.9	10.7	12.5
	2,700	E37X401HPN272MCD0U	50 × 130	CD0	35	9.9	11.9	13.9
	2,700	E37X401CPN272MD92U	63.5 × 92	D92	43	9.0	ms) at +8:     300Hz     11.5     12.8     11.6     13.3     14.9     16.5     18.1     15.2     17.4     19.5     23.7     30.0     36.1     19.4     22.2     24.9     30.2     32.8     40.0     45.8	12.6
	2,700	E37X401CPN272MDA5U	63.5 × 105	DA5	36	10.3		14.4
	3,300	E37X401CPN332MDB7U	63.5 × 117	DB7	31	11.6		16.2
	3,900	E37X401CPN392MDD0U	63.5 × 130	DD0	27	12.8		18.0
	3,900	E37X401CPN392MDE3U	63.5 × 143	DE3	24	14.1	16.9	19.7
	3,900	E37X401CPN392ME92U	76.2 × 92	E92	30	11.8	14.2	16.5
	4,700	E37X401CPN472MEA5U	76.2 × 105	EA5	25	13.5	16.2	18.9
400 Volts	5,600	E37X401CPN562MEB7U	76.2 × 117	EB7	22	15.2	18.2	21.2
450 Volts Surge	6,800	E37X401CPN682MEE3U	76.2 × 143	EE3	17	18.4	22.1	25.8
	8,200	E37X401CPN822MEJ1U	76.2 × 181	EJ1	13	23.3		32.6
	12,000	E37X401CPN123MEM9U	76.2 × 219	EM9	10	28.0		39.3
	5,600	E37X401CPN562MF92U	89 × 92	F92	22	15.1		21.1
	6,800	E37X401CPN682MFA5U	89 × 105	FA5	19	17.2		24.1
	6,800	E37X401CPN682MFB7U	89 × 117	FB7	16	19.3		27.0
	10,000	E37X401CPN103MFE3U	89 × 143	FE3	12	23.4		32.8
	10,000	E37X401CPN103MFF5U	89 × 143 89 × 155	FF5	11	25.4		35.6
	12,000	E37X401CPN123MFK0U	89 × 100	FK0	9	31.0		43.4
	15,000	E37X401CPN153MFM9U	89 × 190	FM9	9 7	35.6		49.8
	13,000	2377401011113310111130	03 X 213	1 1013	I	55.0	42.1	43.0
	0 000	E37X421HPN222MCB7U	50 \ 117	CB7	44	QE	10.0	11.0
	2,200		50 × 117 50 × 130	CB7	39	8.5		11.9
	2,700	E37X421HPN272MCD0U				9.4		13.2
	2,200	E37X421CPN222MD92U	63.5 × 92 63.5 × 105	D92	47	8.6		12.0
	2,700	E37X421CPN272MDA5U		DA5	39	9.8	11.5     12.8     11.6     13.3     14.9     16.5     18.1     15.2     17.4     19.5     23.7     30.0     36.1     19.4     22.2     24.9     30.2     32.8     40.0     45.8     10.7     11.9     10.8     12.3     13.9     15.4     16.9     14.2     16.2     18.2     22.1     27.9     33.6     18.1     20.6     23.2     28.1     30.5     37.2     42.7     10.2     11.3     10.3     11.8     13.3     14.7     16.1     13.5     15.5     17.4     21.1     26.6 <t< td=""><td>13.8</td></t<>	13.8
	3,300	E37X421CPN332MDB7U	63.5 × 117	DB7	33	11.0		15.5
	3,900	E37X421CPN392MDD0U	63.5 × 130	DD0	29	12.2		17.1
420 Volts	3,900	E37X421CPN392MDE3U	63.5 × 143	DE3	26	13.4		18.8
470 Volts Surge	3,300	E37X421CPN332ME92U	76.2 × 92	E92	33	11.3		15.8
	3,900	E37X421CPN392MEA5U	76.2 × 105	EA5	28	12.9		18.0
	4,700	E37X421CPN472MEB7U	76.2 × 117	EB7	24	14.5		20.3
	5,600	E37X421CPN562MEE3U	76.2 × 143	EE3	19	17.6		24.6
	8,200	E37X421CPN822MEJ1U	76.2 × 181	EJ1	14	22.2		31.1
	10,000	E37X421CPN103MEM9U	76.2 × 219	EM9	11	26.8	32.1	37.5
	4,700	E37X421CPN472MF92U	89 × 92	F92	25	14.4	17.3	20.2
	5,600	E37X421CPN562MFA5U	89 × 105	FA5	21	16.4	10.7	23.0

†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.

#### **Standard Voltage Ratings - Screw Terminals**

Rated Voltage	Capacitance (µF)	Global Part Number†	Nominal Case Size*	Case Size	Maximum ESR (m $\Omega$ ) at	Rated Ripple Current (A rms) at +85°C			
(WVDC)	(με)	Fait Number	D×L (mm)	Code	+25°C, 120Hz	120Hz	300Hz	>3kHz	
	6,800	E37X421CPN682MFB7U	89 x 117	FB7	18	18.4	22.1	25.8	
	8,200	E37X421CPN822MFE3U	89 × 143	FE3	14	22.4	26.8	31.3	
420 Volts	10,000	E37X421CPN103MFF5U	89 x 155	FF5	12	24.3	29.1	34.0	
470 Volts Surge	12,000	E37X421CPN123MFK0U	89 × 190	FK0	10	29.6	35.5	41.4	
	15,000	E37X421CPN153MFM9U	89 × 219	FM9	8	34.0	40.7	47.5	
	1 000		F0 × 117	007	E1	0.0	0.6	11.0	
	1,800	E37X451HPN182MCB7U	50 × 117	CB7	51	8.0	9.6	11.2	
	2,200	E37X451HPN222MCD0U	50 × 130	CD0	44	8.9	10.6	12.4	
	2,200	E37X451CPN222MD92U	63.5 × 92	D92	53	8.1	9.7	11.3	
	2,200	E37X451CPN222MDA5U	63.5 × 105	DA5	44	9.2	11.1	12.9	
	2,700	E37X451CPN272MDB7U	63.5 × 117	DB7	38	10.4	12.4	14.5	
	3,300	E37X451CPN332MDD0U	63.5 × 130	DD0	33	11.5	13.8	16.1	
	3,900	E37X451CPN392MDE3U	63.5 × 143	DE3	30	12.6	15.1	17.6	
	3,300	E37X451CPN332ME92U	76.2 × 92	E92	38	10.6	12.7	14.8	
	3,900	E37X451CPN392MEA5U	76.2 × 105	EA5	32	12.1	14.5	16.9	
450 Volts	3,900	E37X451CPN392MEB7U	76.2 × 117	EB7	27	13.6	16.3	19.0	
500 Volts Surge	5,600	E37X451CPN562MEE3U	76.2 × 143	EE3	21	16.5	19.8	23.1	
	6,800	E37X451CPN682MEJ1U	76.2 × 181	EJ1	16	20.8	25.0	29.2	
	8,200	E37X451CPN822MEM9U	76.2 × 219	EM9	13	25.1	30.1	35.2	
	3,900	E37X451CPN392MF92U	89 × 92	F92	28	13.5	16.2	18.9	
	4,700	E37X451CPN472MFA5U	89 × 105	FA5	23	15.4	18.5	21.6	
	5,600	E37X451CPN562MFB7U	89 × 117	FB7	20	17.3	20.7	24.2	
	8,200	E37X451CPN822MFE3U	89 × 143	FE3	16	21.0	25.2	29.4	
	8,200	E37X451CPN822MFF5U	89 × 155	FF5	14	22.8	27.3	31.9	
	10,000	E37X451CPN103MFK0U	89 × 190	FK0	11	27.8	33.3	38.9	
	12,000	E37X451CPN123MFM9U	89 × 219	FM9	9	32.2	38.6	45.0	
	1,200	E37X501HPN122MCB7U	50 × 117	CB7	78	6.4	7.7	9.0	
	1,500	E37X501HPN152MCD0U	50 × 130	CD0	68	7.2	8.6	10.0	
	1,500	E37X501CPN152MD92U	63.5 × 92	D92	67	7.2	8.6	10.1	
	1,800	E37X501CPN182MDA5U	63.5 × 105	DA5	56	8.2	9.9	11.5	
	2,200	E37X501CPN222MDB7U	63.5 × 117	DB7	48	9.3	11.1	13.0	
	2,700	E37X501CPN272MDD0U	63.5 × 130	DD0	42	10.3	12.3	14.4	
	2,700	E37X501CPN272MDE3U	63.5 × 143	DE3	37	11.3	13.5	15.8	
	2,200	E37X501CPN222ME92U	76.2 × 92	E92	48	9.5	11.3	13.2	
	2,700	E37X501CPN272MEA5U	76.2 × 105	EA5	40	10.8	13.0	15.1	
500 Volts	3,300	E37X501CPN332MEB7U	76.2 × 117	EB7	34	12.1	14.6	17.0	
550 Volts Surge	3,900	E37X501CPN392MEE3U	76.2 × 143	EE3	26	14.8	17.7	20.7	
ood voits ourge	5,600	E37X501CPN562MEJ1U	76.2 × 181	EJ1	20	18.6	22.3	26.1	
	6,800	E37X501CPN682MEM9U	76.2 × 219	EM9	16	22.5	26.9	31.4	
	3,300	E37X501CPN332MF92U	89 × 92	F92	35	12.1	14.5	16.9	
	3,900	E37X501CPN392MFA5U	89 × 105	FA5	29	13.8	16.5	19.3	
	4,700	E37X501CPN472MFB7U	89 × 117	FB7	25	15.5	18.5	21.6	
	5,600	E37X501CPN562MFE3U	89 × 143	FE3	19	18.8	22.5	26.3	
	6,800	E37X501CPN682MFF5U	89 × 155	FF5	18	20.4	24.4	28.5	
	8,200	E37X501CPN822MFK0U	89 × 135	FK0	14	20.4	29.8	34.8	
	0.200		03 1 190	0/11	14	24.0	23.0	1 34.0	

Product specifications in this catalog are subject to change without notice. Request our product specifications before purchase and/or use. Please use our products based on the information contained in this catalog and product specifications.

†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.

#### CHEMI-CON ALUMINUM ELECTROLYTIC CAPACITORS

- Always read "Notes on Use" before using the product in order to enable you to use the product correctly and prevent any faults and accidents from occurring.
- Request the Product Specification on the product of NIPPON CHEMI-CON CORPORATION to refer to it as well as this brochure prior to the order of the products. Some specific notes on use of the ordered product may be described in the specifications.
- The products listed in this catalog are designed and manufactured for general electronics equipment use and are not intended for use in applications that can adversely affect human life; where the malfunction of equipment may cause damage to life or property. In addition, our products are not intended to be used in specific applications that may cause a major social impact. Please consult with us in advance of usage of our products in the following listed applications. ① Aerospace equipment ② Power generation equipment such as thermal power, nuclear power etc. ③ Medical equipment ④ Transport equipment (automobiles, trains, ships, etc.) ⑤ Transportation control equipment ⑥ Disaster prevention / crime prevention equipment ⑦ Highly publicized information processing equipment ⑧ Submarine equipment ⑨ Other applications that are not considered general-purpose applications.
- The circuits described as examples in this catalog and the "delivery specifications" are featured in order to show the operations and usage of our products, however, this fact does not guarantee that the circuits are available to function in your equipment systems. We are not in any case responsible for any failures or damage caused by the use of information contained herein. You should examine our products, of which the characteristics are described in the "delivery specifications" and other documents, and determine whether or not our products suit your requirements according to the specifications of your equipment systems. Therefore, you bear final responsibility regarding the use of our products.

Please make sure that you take appropriate safety measures such as use of redundant design and malfunction prevention measures in order to prevent fatal accidents and/or fires in the event any of our products malfunction.

- We strongly recommend our customers to purchase Nippon Chemi-Con products only through our official sales channels. We assume no responsibility for any defects or damages caused by using products purchased from outside our official sales channel or of counterfeit goods. In addition, we will ask the customer to pay the investigation cost for products purchased outside our official sales channel.
- We reserve the right to discontinue production and delivery of products. We do not guarantee that all the products included in this catalog will be available in the future. The aforementioned does not apply in the case of individual agreements deviating from the foregoing for customer-specific products
- We continually strive to improve the quality and reliability of our products, but in any case that our product does not meet our published specifications, please stop using it promptly and contact us immediately. As for compensation for non-conforming goods delivered by Chemi-Con, we will limit it only to goods found in non-compliance of our published specifications. This may be accomplished by a no cost replacement of non-conforming individual products, a credit of the piece price paid per each individual non-conforming product, or in other ways deemed necessary.

In addition, we have an established system with enhanced traceability, therefore we will limit the applicable lot items for any potential compensation.

Product specifications in this catalog are subject to change without notice. Request our product specifications before purchase and/or use. Please use our products based on the information contained in this catalog and product specifications.

Part Numbering System Part Numbering System (Appendix) Standardization Available Items by Manufacturing Locations Environmental Measures Technical Note Precautions and Guidelines Recommended Soldering Conditions Taping, Lead-preforming and Packaging Available Terminals for Snap-in and Screw Mount Type