NISSEI-ARCOTRONICS

C95/0-C95/4

MKP Series

ALUMINIUM CASE CAPACITORS
WITH SAFETY DEVICE
250Vac APPLICATIONS

TECHNICAL DATA	**C950**	**C954**
Reference standard:	EN61048 ed. 1993 A.1/1996 – EN 61049	
Homologation EN:	[ENEC 03]	
Homologation UL810:	In progress	
Service:	Continuous	
Temperature range:	-25/100°C	
Storage:	-25/100°C	
Nominal Voltage Vn (ac):	250	450
Nominal Frequency (Hz):	50	
Max change Voltage/Time:	25 V/µs	
Max admitted voltage:	275 Vac	495 Vac
Nominal RMS current (In):	78500 * (Cn)	
Max admitted RMS current:	1.3 * (In)	
Dissipation factor, tgδ:	$30x10^{-4}$ (50Hz-V) (not applicable to push-in terminals)	
Safety protection:	IP00	
Max altitude:	2200m	
Standard capacitance tolerance:	±10%	±4%
Mounting:	Metal bolt M8 threaded (ground)	
Terminals:	Faston 2.8x0.8mm DIN46244 – push-in	
Case:	Aluminum	
Deck:	Plastic with self-extinguishing UL V0 rating	
Filling resin:	Polyurethane	
Safety Device	Overpressure disconnector	
Dielectric	Metallized Polypropylene film	
Plates	Zn	
Test voltage: Terminal to terminal: Terminal to case:	 500 Vac 2000 Vac	 900 Vac 2000 Vac
Electrical clearance in air: Between parts under voltage: Between parts under voltage and metal ones in the surrounding:	 (Min. 5mm) STD 9mm Min. 6mm	
Vibration test:	IEC 68-2-6	

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C950 for parallel compensation

Rated Cap. µF	High runner Codes	Case D	Case H	Approx. Weight g
2		25	48	25
2.5		25	48	25
3		30	48	36
4	*	30	48	36
4.5	*	25	78	40
5		25	78	40
5.5		25	78	40
6	*	25	78	40
6.3		25	78	40
7		25	98	50
8	*	25	98	50
8.4		25	98	50
9		25	98	50
10		30	78	58
12	*	30	98	73
12.5		30	98	73
13		30	98	73
13.5		30	98	73
14	*	30	98	73
15		30	98	73
16		35	78	79
18	*	35	98	99
20	*	35	98	99
22		35	98	99
25	*	35	133	134
30		35	133	134
31.5		35	133	134
32	*	35	133	134
35		35	133	134
36		40	133	175
40		40	133	175
45		40	133	175
50		45	133	222

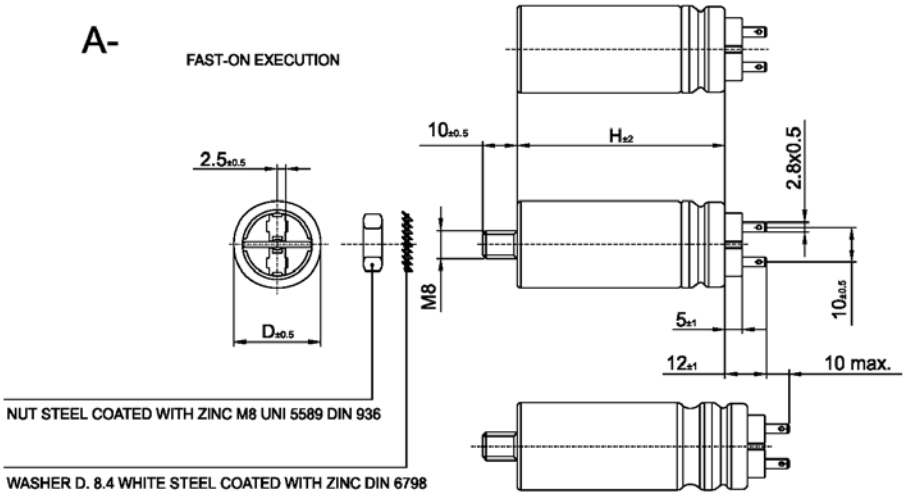
C954 for series compensation

Rated Cap. µF	High runner Codes	Case D	Case H	Approx. Weight g
2.5		25	78	162
2.7		25	78	162
2.8		25	78	162
2.85		25	78	162
2.9		25	78	162
3		25	78	162
3.4	*	25	78	162
3.5		25	78	162
3.6		25	78	162
4		30	78	110
4.4		30	78	110
4.5		30	78	110
5		30	78	110
5.3	*	30	78	110
5.4		30	78	110
5.5		30	78	110
5.7		30	78	110
5.9		30	78	110
6		30	78	110
6.5		35	78	86
6.8	*	35	78	86

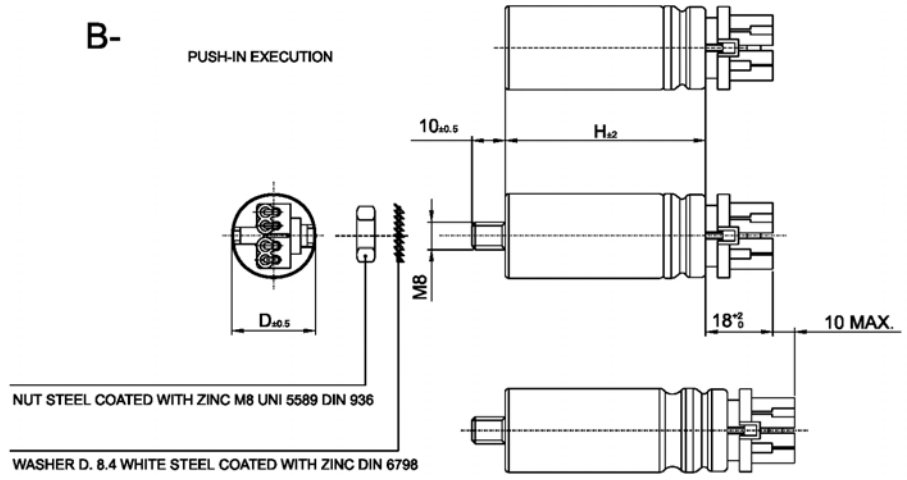
Max operating temperature = 100°C.

Available executions

A- FAST-ON EXECUTION



B- PUSH-IN EXECUTION



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Part Numbering System

C95 0 P F 1 5500 AA 4 K..

Series
4th Digit

C95.0:
Parallel comp.

C95.4:
Series comp.

Marking
P = Standard
Z = Special

Case
F = Metal case

Tolerance:
X=±4%, J=±5%, K=±10%

Diameter of aluminum case:
0: D=25mm
1: D=30mm
2: D=35mm
3: D=40mm
4: D=45mm

Terminals and assembly:

12th Digit	13th Digit	Description
A	A	Nut and washer supplied separately
Z	A	Nut and washer mounted
Z	B	Flanged nut supplied separately
Z	C	Flanged nut mounted
Z	D	Without nut and washer
Z	E	Faston 2.8mm with soldering hole
Z	F	Nut and washer supplied separately plus faston 2.8mm with soldering hole
Z	G	Mounted nut and washer plus faston 2.8mm with soldering hole
Z	H	Flanged nut supplied separately plus faston 2.8mm with soldering hole
Z	I	Mounted flanged nut plus faston 2.8mm with soldering hole
Z	L	Without nut and washer plus faston 2.8mm with soldering hole

Capacitance code in pico farads (pF)
5 = Number of zeros to be added to the capacitance value
500 = First 3 figures indicating the capacitance value

Terminals

7th Digit	Kind of terminal
1	Faston 2.8mm plus hole
4	Push-in terminal