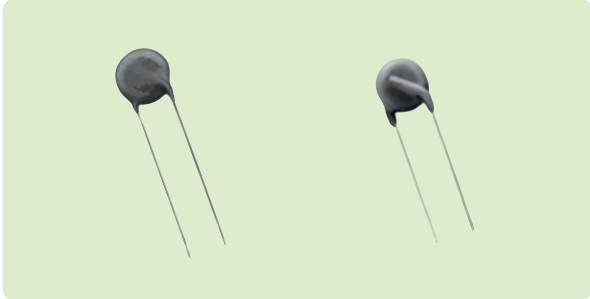


**MURATA type DE- KX, KH & KY**

A range of radial lead Y1 and Y2 class capacitors, with extensive approvals, designed for mains interference suppression. Meets IEC384-14 2nd edition and suitable for X1, across the line, applications. Coated with flame retardant epoxy resin. An option of loose or taped and boxed product is provided throughout.

**DISC CERAMIC**

**NEW**

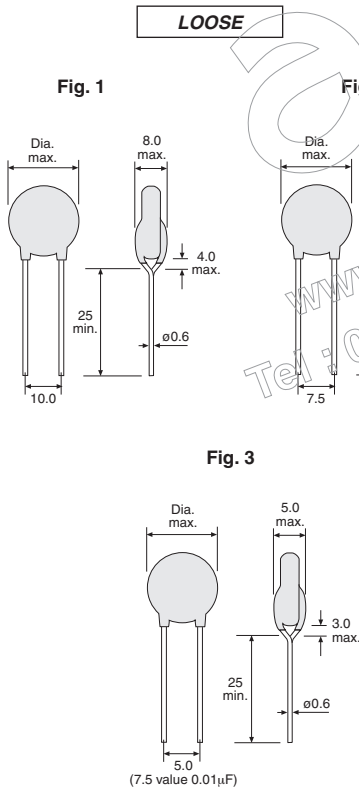


- ◆ Mains rated Y1/X1 & Y2/X1 class
- ◆ Meet IEC384-14 2nd ed.
- ◆ Flame retardant coating to UL94V-0
- ◆ Option of loose or taped & boxed
- ◆ Body colour **Blue**

**Specification**

Meets IEC384-14 2nd edition	
Voltage rating	250Vac
Capacitance tolerance	B ±10% E, F ±20%
Temperature coefficient	B ±10% over -25°C to +85°C E +20%, -55% over -25°C to +85°C F +30%, -80% over -25°C to +85°C
Test voltage	KX 4000Vac KH 2600Vac KY 2000Vac (5mm pitch) 2600Vac (7.5mm pitch)
Operating temperature range	-25°C to +85°C

**Dimensions (mm)**



**Packaging**

**TAPED & BOXED**

Fig. 4

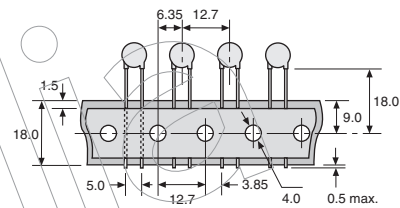


Fig. 5

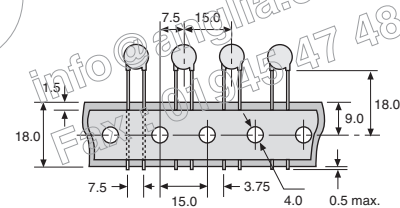


Fig. 6

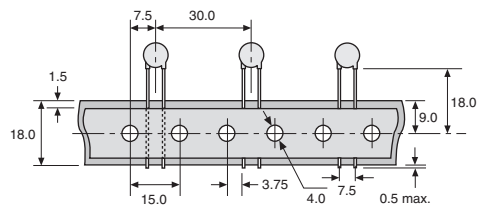
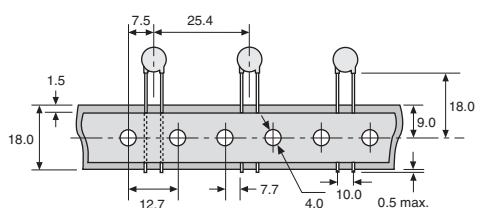


Fig. 7



**Y1/X1Class MURATA type DE- KX**



Value (pF)	(μF)	Dielectric	Tolerance	Dimensions (mm)		Fig.
				Dia. max.	Pitch	
100	0.0001	B	10%	9	10	1
150	0.00015	B	10%	9	10	1
220	0.00022	B	10%	9	10	1
330	0.00033	B	10%	9	10	1
470	0.00047	B	10%	9	10	1
680	0.00068	B	10%	10	10	1
1000	0.001	E	20%	8	10	1
1500	0.0015	E	20%	9	10	1
2200	0.0022	E	20%	10	10	1
3300	0.0033	E	20%	12	10	1
3900	0.0039	E	20%	13	10	1
4700	0.0047	E	20%	15	10	1

Manf. Part No. & anglia Order Code Loose	Fig.
DE1B3KX101KA5B	1 + 7
DE1B3KX151KA5B	1 + 7
DE1B3KX221KA5B	1 + 7
DE1B3KX331KA5B	1 + 7
DE1B3KX471KA5B	1 + 7
DE1B3KX681KA5B	1 + 7
DE1E3KX102MA5BA01	1 + 7
DE1E3KX152MA5BA01	1 + 7
DE1E3KX222MA5BA01	1 + 7
DE1E3KX332MA5BA01	1 + 7
DE1E3KX392MA5BA01	1 + 7
DE1E3KX472MA5BA01	1 + 7

Manf. Part No. & anglia Order Code Taped	Fig.
DE1B3KH101KN5A	1 + 7
DE1B3KH151KN5A	1 + 7
DE1B3KH221KN5A	1 + 7
DE1B3KH331KN5A	1 + 7
DE1B3KH471KN5A	1 + 7
DE1B3KH681KN5A	1 + 7
DE1E3KH102MN5AA01	1 + 7
DE1E3KH152MN5AA01	1 + 7
DE1E3KH222MN5AA01	1 + 7
DE1E3KH332MN5AA01	1 + 7
DE1E3KH392MN5AA01	1 + 7
DE1E3KH472MN5AA01	1 + 7

**Y2/X1Class MURATA type DE- KH**



Value (pF)	(μF)	Dielectric	Tolerance	Dimensions (mm)		Fig.
				Dia. max.	Pitch	
100	0.0001	B	10%	8	7.5	2
150	0.00015	B	10%	8	7.5	2
220	0.00022	B	10%	8	7.5	2
330	0.00033	B	10%	8	7.5	2
470	0.00047	B	10%	8	7.5	2
680	0.00068	B	10%	9	7.5	2
1000	0.001	E	20%	8	7.5	2
1500	0.0015	E	20%	9	7.5	2
2200	0.0022	E	20%	10	7.5	2
3300	0.0033	E	20%	12	7.5	2
4700	0.0047	E	20%	13	7.5	2
10000	0.01	F	20%	16	7.5	2

Manf. Part No. & anglia Order Code Loose	Fig.
DE2B3KH101KA3B	2 + 5
DE2B3KH151KA3B	2 + 5
DE2B3KH221KA3B	2 + 5
DE2B3KH331KA3B	2 + 5
DE2B3KH471KA3B	2 + 5
DE2B3KH681KA3B	2 + 5
DE2E3KH102MA3B	2 + 5
DE2E3KH152MA3B	2 + 5
DE2E3KH222MA3B	2 + 5
DE2E3KH332MA3B	2 + 5
DE2E3KH472MA3B	2 + 5
DE2F3KH103MA3B	2 + 6

Manf. Part No. & anglia Order Code Taped	Fig.
DE2B3KH101KN3A	2 + 5
DE2B3KH151KN3A	2 + 5
DE2B3KH221KN3A	2 + 5
DE2B3KH331KN3A	2 + 5
DE2B3KH471KN3A	2 + 5
DE2B3KH681KN3A	2 + 5
DE2E3KH102MN3A	2 + 5
DE2E3KH152MN3A	2 + 5
DE2E3KH222MN3A	2 + 5
DE2E3KH332MN3A	2 + 5
DE2E3KH472MN3A	2 + 5
DE2F3KH103MN7A	2 + 6

**Y2/X1Class MURATA type DE- KY**



Value (pF)	(μF)	Dielectric	Tolerance	Dimensions (mm)		Fig.
				Dia. max.	Pitch	
100	0.0001	B	10%	8	5	3
150	0.00015	B	10%	8	5	3
220	0.00022	B	10%	8	5	3
330	0.00033	B	10%	8	5	3
470	0.00047	B	10%	8	5	3
680	0.00068	B	10%	8	5	3
1000	0.001	E	20%	8	5	3
1500	0.0015	E	20%	8	5	3
2200	0.0022	E	20%	9	5	3
3300	0.0033	E	20%	10	5	3
4700	0.0047	E	20%	11	5	3
10000	0.01	F	20%	14	7.5	3

Manf. Part No. & anglia Order Code Loose	Fig.
DE2B3KY101KA2BM01	3 + 4
DE2B3KY151KA2BM01	3 + 4
DE2B3KY221KA2BM01	3 + 4
DE2B3KY331KA2BM01	3 + 4
DE2B3KY471KA2BM01	3 + 4
DE2B3KY681KA2BM01	3 + 4
DE2E3KY102MA2BM01	3 + 4
DE2E3KY152MA2BM01	3 + 4
DE2E3KY222MA2BM01	3 + 4
DE2E3KY332MA2BM01	3 + 4
DE2E3KY472MA2BM01	3 + 4
DE2F3KY103MA3B	3 + 6

Manf. Part No. & anglia Order Code Taped	Fig.
DE2B3KY101KN2AM01	3 + 4
DE2B3KY151KN2AM01	3 + 4
DE2B3KY221KN2AM01	3 + 4
DE2B3KY331KN2AM01	3 + 4
DE2B3KY471KN2AM01	3 + 4
DE2B3KY681KN2AM01	3 + 4
DE2E3KY102MN2AM01	3 + 4
DE2E3KY152MN2AM01	3 + 4
DE2E3KY222MN2AM01	3 + 4
DE2E3KY332MN2AM01	3 + 4
DE2E3KY472MN2AM01	3 + 4
DE2F3KY103MN7A	3 + 6

**muRata**

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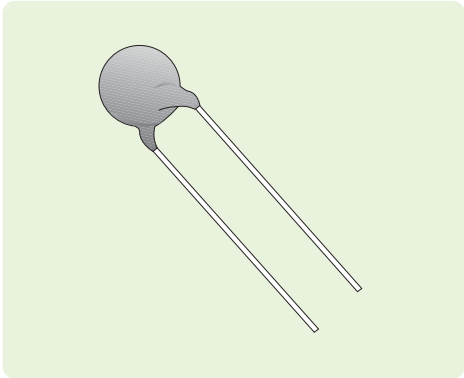
Alternatively, contact our Sales Desk to discuss your specific requirements.

*JNC Disc Ceramic Suppression Capacitors shown overleaf > > >*

**JYA-NAY type JY**

A range of radial lead Y2 class capacitors, with extensive approvals, designed for mains interference suppression. Meets EN132400 (IEC384-14 2nd edition), the unified European safety standard. Rated 400Vac and suitable for X1, across the line, applications. Coated with flame retardant epoxy resin.

**DISC CERAMIC**



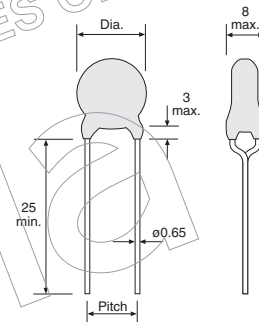
- ◆ Mains rated **Y2/X1** class
- ◆ Meets the unified European safety standard EN132400
- ◆ 400Vac rating
- ◆ Flame retardant coating to UL94V-0
- ◆ Body colour **Blue**

**Specification**

Meets EN132400 (IEC384-14 2nd edition)

Voltage rating .....	400Vac
Capacitance tolerance .....	±10%(Y5P), ±20%(Y5V)
Temperature coefficient .....	±10%(Y5P), +30 to -80%(Y5V) over -25°C to +85°C
Test voltage .....	2600Vac for 60 seconds
Operating temperature range .....	-25°C to +85°C
Insulation resistance .....	≥10,000MΩ
Dissipation factor .....	≤2.5%(Y5P), ≤5%(Y5V) at 1kHz

**Dimensions (mm)**



TECHNICAL DATA FOR REFERENCE PURPOSES ONLY  
 anglia.com  
 info@anglia.com  
 Fax: 01945 47 48 49

**Y2/X1 Class JYA-NAY type JY**



Value (pF)	(µF)	Tolerance	Dimensions (mm)		Manf. Part No.	anglia Order Code
			Dia. max.	Pitch		
<b>Y5P dielectric</b>						
100	0.0001	10%	8	7.5	JY08B101KY72	098420
150	0.00015	10%	8	7.5	JY08B151KY72	098421
220	0.00022	10%	8	7.5	JY08B221KY72	098422
330	0.00033	10%	8	7.5	JY08B331KY72	098423
470	0.00047	10%	8	7.5	JY08B471KY72	098424
560	0.00056	10%	9	7.5	JY09B561KY72	098425
680	0.00068	10%	9	7.5	JY09B681KY72	098426
1000	0.001	10%	10	7.5	JY10B102KY72	098427
<b>Y5V dielectric</b>						
1000	0.001	20%	8	7.5	JY08F102MY72	098430
1500	0.0015	20%	9	7.5	JY09F152MY72	098431
2200	0.0022	20%	9	7.5	JY09F222MY72	098432
3300	0.0033	20%	10	10	JY10F332MY02	098433
3900	0.0039	20%	11	10	JY11F392MY02	098434
4700	0.0047	20%	12	7.5	JY12F472MY72	098435
4700	0.0047	20%	12	10	JY12F472MY02	098436
10000	0.01	20%	16	10	JY16F103MY02	098437

TAPED PRODUCT (Boxed or Reeled) available to special order