## Panasonic Electronic Components

## PRODUCT DISCONTINUATION NOTICE

DATE: October 7, 2004

SUBJECT: Discontinuation of the availability of particular lead-forming style options for the Radial-Leaded ECC / ECK Ceramic Disc Capacitors ECC<sup>(\*</sup> 'xxxxxxx (Class 1) and ECK<sup>(\*</sup> 'xxxxxxx (Class 2) Discontinued style's: D, M, C, J, W, Z, R, K Recommended Alternatives: A, E, N

BULLETIN #: PDN.PG33.10.07.04-1

LAST BUY DATE: December 24, 2004

LAST SHIP DATE: March 31, 2005

## **DISCONTINUATION DETAILS:**

Note: The lead-forming style is indicated by the 'letter' in position 4 ( \* ) of the P/N

Current product	S		New standard (kinke	ed type)
Name of lead style	style		Name of lead style	style
Straight long lead, Bulk	D		Kinked long lead, Bulk	A
Straight short lead, Bulk	M			
nner crimped lead, Bulk	С		Kinked short lead, Bulk	
Outer crimped lead, Bulk	J			E
Double crimped lead, Bulk	W			
Straight long lead, taping	Z			
nner crimped lead, taping	R		Kinked straight, taping	N
Outer crimped lead, taping	K	· ·		

Example: Discontinued ECKD3A102KBP => ECKA3A102KBP See below for the difference between 'kinked' versus 'straight' lead forming

Kinked leads are formed in such a way as being co-planar with the center line in the side view, which is not the case with Straight ( or Crimped ) lead-forming ( see diagrams below )



and to the attached details regarding the other lead-forming styles

Differences and characteristics compared with the

cuurent products and the standard Kinked type products





the surface of capacitor element and is formed the lead as a stopper preventing the lead insulating material portion from entering into the printed wiring board.

	The real picture of before a	nd afte	r inse	ert No·4
	Current products			Kinked lead type
D		+	A	
М			E	
С			E	
J			E	

	The real picture of before and a	fter ins	NO-5
	Current products		Kinked lead type
W		E	
z		► N	
R		► N	
к		► N	

Current part No	Kinked part No	Current part No	Kinked part No
Current part No	A REAL PROPERTY AND ADDRESS OF THE OWNER OWNER OF THE OWNER OWN	ECK D 3A *** KB	ECK A SA*** KB
ECC D 3A *** KGE	ECC A 3A *** KGE ECC A 3D*** KGE	ECK D 3D*** KB	ECK A SD*** KB
and the second s	ECC A 3D KGE	ECK D 3F*** KB	ECK A SF*** KB
the server of the server		ECK M 3A *** KB	ECK E SA*** KB
ECC M 3A *** KGE	AND AN	ECK M 3D*** KB	ECK E SD*** KB
ECC M 3D*** KGE ECC M 3F*** KGE	ECC E 3D*** KGE ECC E 3F*** KGE	ECK M 3F*** KB	ECK E SF*** KB
		ECK Z 3A *** KB	ECK N SA*** KB
ECC Z 3A *** KGE ECC Z 3D*** KGE	ECC N 3A *** KGE ECC N 3D*** KGE	ECK Z 3D*** KB	ECK N SD*** KB
ECC Z 3D*** KGE ECC Z 3F*** KGE	ECC N 3F*** KGE	ECK Z 3F*** KB	ECK N SF*** KB
	ECC E 3A *** KGE	ECK C 3A *** KB	ECK E SA*** KB
	ECC E 3D*** KGE	ECK C 3D*** KB	ECK E SD*** KB
	ECC E 3F*** KGE	ECK C 3F*** KB	ECK E SF*** KB
100 0 00 000		Home of the	ECK N SA*** KB
ECC R 3A *** KGE	ECC N 3A *** KGE	MARCHIEL CONTRACTOR STOCK	ECK N SD*** KB
ECC R 3D*** KGE	ECC N 3D*** KGE ECC N 3F*** KGE	ECK R 3D*** KB ECK R 3F*** KB	ECK N SD KB
ECC R 3F*** KGE	The second se		ECK N SA*** KB
ECC K 3A *** KGE	ECC N 3A *** KGE		ECK N SD*** KB
ECC K 3D*** KGE	ECC N 3D*** KGE ECC N 3F*** KGE	ECK K 3D*** KB ECK K 3F*** KB	ECK N SE*** KB
ECC K 3F*** KGE	- Contraction of the second	ECK W 3A *** KB	ECK E SA*** KB
ECC W 3A *** KGE	100 1 200	ECK W 3D*** KB	ECK E SD*** KB
ECC W 3D*** KGE ECC W 3F*** KGE	ECC E 3D*** KGE ECC E 3F*** KGE	ECK W 3F*** KB	ECK E SF*** KB
		ECK J 3A *** KB	ECK E SA*** KB
ECC J 3A *** KGE		ECK J 3D*** KB	ECK E SD*** KB
ECC J 3D*** KGE	ECC E 3D*** KGE ECC E 3F*** KGE	ECK J 3F*** KB	ECK E SF*** KB
ECC J 3F*** KGE	ECC E OF ROLL	EGN 5 51 ILD	Date to be the
ECC D 3A *** KBP	ECC A 3A *** KBP	ECK D 3A *** MEH	ECK A 3A *** MEH
ECC D 3A KBP	ECC A 3D*** KBP		ECK A 3D*** MEH
ECC D 3F*** KBP	ECC A 3F*** KBP		ECK A 3F*** MEH
ECC M 3A *** KBP	ECC E 3A *** KBP	TOACOT TA 20	ECK E 3A *** MEH
ECC M 3D*** KBP	ECC E 3D*** KBP	Contraction of the second seco	ECK E 3D*** MEH
ECC M 3F*** KBP	ECC E 3F*** KBP	AND	ECK E 3F*** MEH
ECC Z 3A *** KBP	ECC N 3A *** KBP	ECK Z 3A *** MEH	ECK N 3A *** MEH
ECC Z 3D*** KBP	ECC N 3D*** KBP	ECK Z 3D*** MEH	ECK N 3D*** MEH
ECC Z 3D KBP	ECC N 3F*** KBP	ECK Z 3F*** MEH	ECK N 3F*** MEH
ECC C 3A *** KBP	ECC E 3A *** KBP	ATTAC AND AND ADDRESS AND ADDRESS ADDRE	ECK E 3A *** MEH
ECC C 3D*** KBP	ECC E 3D*** KBP		ECK E 3D*** MEH
ECC C 3F*** KBP	ECC E 3F*** KBP		ECK E 3F*** MEH
ECC R 3A *** KBP	ECC N 3A *** KBP		ECK N 3A *** MEH
ECC R 3D*** KBP	ECC N 3D*** KBP		ECK N 3D*** MEH
ECC R 3F*** KBP	ECC N 3F*** KBP		ECK N 3F*** MEH
ECC K 3A *** KBP	ECC N 3A *** KBP	ECK K 3A *** MEH	ECK N 3A *** MEH
ECC K 3D*** KBP	ECC N 3D*** KBP		ECK N 3D*** MEH
ECC K 3F*** KBP	ECC N 3F*** KBP		ECK N 3F*** MEH
ECC W 3A *** KBP	ECC E 3A *** KBP	COACHER CONTRACTOR	ECK E 3A *** MEH
ECC W 3D*** KBP	ECC E 3D*** KBP	A REAL PROPERTY AND A REAL	ECK E 3D*** MEH
ECC W 3F*** KBP	ECC E 3F*** KBP	and the second s	ECK E 3F*** MEH
ECC J 3A *** KBP	ECC E 3A *** KBP	ECK J 3A *** MEH	ECK E 3A *** MEH
ECC J 3D*** KBP	ECC E 3D*** KBP		ECK E 3D*** MEH
ECC J 3F*** KBP	ECC E 3F*** KBP	ECK J 3F*** MEH	ECK E 3F*** MEH

ECK	D	TS***	ECK	А	TS***	
ECK	М	TS***	ECK	Е	TS***	
		TS***	ECK	Ν	TS***	
ECK	С	TS***	ECK	Е	TS***	
ECK	R	TS***	ECK	N	TS***	
ECK	K	TS***	ECK	Ν	TS***	
		TS***	ECK	E	TS***	
		TS***	ECK	E.	TS***	

ECK	D	BE***	Z_	ECK	А	BE***	Z_
ECK	Μ	BE***	Z_	ECK	Е	BE***	Z_
ECK	Z	BE***	Z_	ECK	N	BE***	Z_
ECK	C	BE***	Z_	ECK	E	BE***	Z_
ECK	R	BE***	Z_	ECK	N	BE***	Z_
ECK	K	BE***	Ζ_	ECK	N	BE***	Z_
ECK	W	BE***	Z_	ECK	E	BE***	Z_
ECK	J	BE***	Z_	ECK	E	BE***	Z

ECK	D	AE***	Z_	ECK	А	AE***	$Z_{-}$
ECK	М	AE***	Z_	ECK	Е	AE***	$Z_{-}$
ECK	Ζ	AE***	Z_	ECK	N	AE***	Ζ_
ECK	С	AE***	Z_	ECK	Е	AE***	Ζ_
ECK	R	AE***	Z_	ECK	N	AE***	Z_
ECK	Κ	AE***	Z_	ECK	Ν	AE***	Z_
ECK	W	AE***	Z_	ECK	Е	AE***	Z_
ECK	J	AE***	Z_	ECK	E	AE***	Ζ_

ECK	D	NA*** _B	ECK A NA*** _B
ECK	Μ	NA*** _B	ECK E NA*** _B
ECK	Ζ	NA*** _B	ECK N NA*** B
ECK	K	NA*** _B	ECK N NA*** _B
ECK	W	NA*** _B	ECK E NA*** _B
ECK	J	NA*** _B	ECK E NA*** _B

ECK	D	NA***	ME	ECK	А	NA***	ME
ECK	Μ	NA***	ME	ECK	Е	NA***	ME
ECK	Ζ	NA***	ME	ECK	Ν	NA***	ME
ECK	К	NA***	ME	ECK	N	NA***	ME
ECK	W	NA***	ME	ECK	Е	NA***	ME
ECK	J	NA***	ME	ECK	Е	NA***	ME

Kinked part No ECK A HT\*\*\* KB

ECK E HT\*\*\* KB

ECK N HT\*\*\* KB ECK E HT\*\*\* KB

ECK N HT\*\*\* KB

ECK N HT\*\*\* KB ECK E HT\*\*\* KB ECK E HT\*\*\* KB

Current part No

ECK D HT\*\*\* KB

ECK M HT\*\*\* KB ECK Z HT\*\*\* KB

ECK C HT\*\*\* KB

ECK R HT\*\*\* KB

ECK K HT\*\*\* KB ECK W HT\*\*\* KB ECK J HT\*\*\* KB

Curr	ent	part No		Kinked part No				
ECK	D	RS***	MEY	ECK	A	RS***	MEY	
ECK	Μ	RS***	MEY	ECK	Е	RS***	MEY	
ECK	Z	RS***	MEY	ECK	Ν	RS***	MEY	
ECK	С	RS***	MEY	ECK	Е	RS***	MEY	
ECK	R	RS***	MEY	ECK	Ν	RS***	MEY	
ECK	Κ	RS***	MEY	ECK	Ν	RS***	MEY	
ECK	W	RS***	MEY	ECK	Е	<b>RS***</b>	MEY	
ECK	J	RS***	MEY	ECK	Е	RS***	MEY	