

**SUBJECT: Change of Sleeve material from PVC to PET for Radial Electrolytic Capacitor.**

**BULLETIN #: ECN.PG44.07.06.04**

**Date: July 6, 2004**

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**EFFECTIVE DATE: October 1, 2004 on manufacturing basis**

**REASON FOR CHANGE: Eliminate use of PVC in Radial electrolytic capacitor.**

**ENGINEERING CHANGE DETAILS:**

Effective on 10/01/2004 on manufacturing basis, all Panasonic radial capacitor will be changed to PET (Poly Ethylene Terephthalate) from PVC (Polyvinyl chloride). The following are the series for this change:

<u>Series Pre-fix</u>	<u>Series Name</u>
ECA-xxHG	NHG
ECA-xxM	M
ECE-AxxKA	KA
ECE-AxxKG	KG
ECE-AxxKS	KS
ECE-AxxNxxxU / X	Bi-Polar SU
ECE-AxxSN	Bi-Polar KS
EEA/EEU -FC	FC
EEU-EB	EB
EEU-ED	ED
EEU-TA	TA
EEU-XC	XC

**OTHER DETAILS:**

- All other aspects of the components, including mechanical and electrical are unchanged.
- Radial aluminum electrolytic capacitor FM series have been produced with PET sleeve.
- Production date can be found on the sleeve of capacitor or label in the inner box. Please see the page 2 of this notice for reading instructions.

# 1. Radial Electrolytic Capacitor Date Code Reading Instructions:

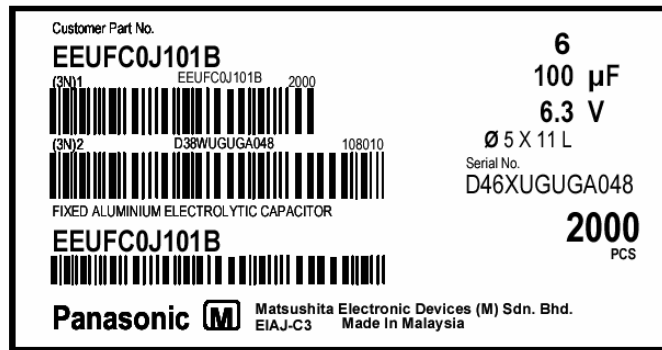
(A) (B) (C) (C) (A) last number of year  
 (B) month (1 to 9 and O for Oct, N for Nov, D for Dec)  
 (C) line code in alphabet (A to Z)



(A) (B) (C) (D) (A) last number of year  
 (B) month (1 to 9 and O for Oct, N for Nov, D for Dec)  
 (C) line code in alphabet (A to Z)  
 (D) production date(A-Z: 1<sup>st</sup> to 26<sup>th</sup>, 1-27<sup>th</sup>, 2-28<sup>th</sup>, 3-29<sup>th</sup>, 4-30<sup>th</sup>, 5-31<sup>th</sup>)

(A)(B) (C) (D) (D) (A) last number of year  
 (B) month (1 to 9 and O for Oct, N for Nov, D for Dec)  
 (C) week (Greek number: I for first week, II for 2<sup>nd</sup> week)  
 (D) line code in alphabet (A to Z)

# 2. Radial Electrolytic Capacitor Label Reading Instructions:



<A> COMPANY CODE  
 D : MEDEM

<B> MANUFACTURING YEAR

CODE	YEAR
8	1998
9	1999
0	2000
1	2001
2	2002
3	2003
4	2004

<C> MANUFACTURING MONTH

CODE	MONTH
1	JAN
2	FEB
3	MAR
4	APR
5	MAY
6	JUN
7	JUL
8	AUG
9	SEP
0	OCT
N	NOV
D	DEC

<D> MANUFACTURING DAY

CODE	DATE	CODE	DATE
I	1	K	19
↓	↓	L	20
9	9	M	21
A	10	P	23
B	11	R	24
C	12	S	25
D	13	T	26
E	14	U	27
F	15	V	28
G	16	W	29
H	17	X	30
J	18	Y	31

<E> PRODUCE MACHINE NO.

<F> FINAL PROCESS MACHINE NO.

<G> PRODUCT INDICATION

<H> RUNNING NUMBER  
 FROM 000 TO 999 FOR EACH PART NUMBER