

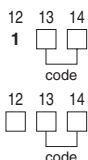
※Trimmed (Cut) or Formed Leads

※Please refer to FPCAP Lead Forming about the FPCAP product spec.

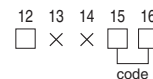
● Radial lead type

In order to identify correct part number for the processed lead product, cut/formed lead code must be added to bulk part number.

- If the bulk part number is up to 11th digit, processed lead coding shall be as follows:



- In case 12th digit is alphabet, it shall be:



- In case 12th digit is numeral, it shall be:

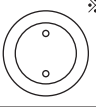


</

● Conductive polymer aluminum solid electrolytic capacitors : Cutting configurations only

*Lead diameter (ϕd) and lead pitch (P) are subject to capacitor specifications.

End seal Configuration ※Please contact us about the FPCAP.

Configuration			
ϕ (mm)	—	8 · 10	12.5 · 16 · 18

Exception : The followings refer to ※1.

- $\phi 6.3 \times 6\text{mmL}$, $\phi 6.3 \times 9\text{mmL}$, $\phi 8 \times 7\text{mmL}$, $\phi 8 \times 9\text{mmL}$, $\phi 10 \times 8\text{mmL}$, $\phi 10 \times 10\text{mmL}$ size of PLF, PLG, PLS, PLX.
- UPV, UTH.

FPCAP Lead forming (Radial lead type)*RNS, RR7, RR5, RL8, RE5, RS8, RF8, RNU, RNE, RNL, RS6, RHT***Components are packaged as per following packing unit.**

● Packing Quantity (Bulk)

Case Size $\phi D \times L$ (mm)	Long Lead		Cut Lead	
	Quantity vinyl bag (PCS)	Minimum quantity (PCS / Carton Box)	Quantity vinyl bag (PCS)	Minimum quantity (PCS / Carton Box)
$\phi 4 \times 5$	200	8,000	200	8,000
$\phi 5 \times 8, \phi 5 \times 10$	200	3,200	200	4,000
$\phi 6.3 \times 5, \phi 6.3 \times 6, \phi 6.3 \times 7$	200	4,000	200	4,000
$\phi 6.3 \times 8, \phi 6.3 \times 10$	200	3,200	200	4,000
$\phi 8 \times 6, \phi 8 \times 8, \phi 8 \times 9$	200	3,200	200	4,000
$\phi 8 \times 11.5$	100	2,000	200	2,400
$\phi 8 \times 16$	100	1,600	100	2,000
$\phi 8 \times 20$	100	1,200	100	1,600
$\phi 10 \times 12.5$	100	1,600	100	2,000
$\phi 10 \times 16$	100	1,200	100	1,600
$\phi 10 \times 20$	100	800	100	1,200

● Bulk Long Lead Part Number

Nichicon P/N : R□□□□□□ M□□□ □

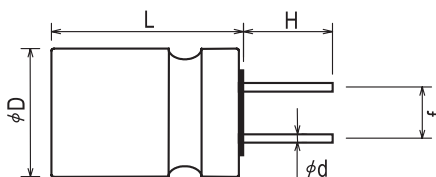
FPCAP P/N : FP- □□□RE□□□M- □□ R

● Cut Lead (Bulk) Dimensions

Lead Forming (Symbol:CG)

Nichicon P/N : R□□□□□□ M□□□ CG

FPCAP P/N : FP- □□□RE□□□M- □□ CG



[Unit : mm]

Item \ $\phi D \times L$	$\phi 4 \times 5$	$\phi 5 \times 8, \phi 5 \times 10$	$\phi 6.3 \times 5, \phi 6.3 \times 6, \phi 6.3 \times 7, \phi 6.3 \times 8, \phi 6.3 \times 10$	$\phi 8 \times 6, \phi 8 \times 8, \phi 8 \times 9, \phi 8 \times 11.5, \phi 8 \times 16, \phi 8 \times 20$	$\phi 10 \times 12.5, \phi 10 \times 16, \phi 10 \times 20$
Lead Forming Symbol	CG	CG	CG	CG	CG
Lead Wire Diameter ϕd	0.45±0.05	0.5, 0.6±0.05	0.45, 0.5, 0.6±0.05	0.6±0.05	0.6±0.05
Lead Wire Length H	3.1±0.3	3.1±0.3	3.1±0.3	3.1±0.3	3.1±0.3
Lead Wire Interval f	1.5±0.5	2.0±0.5	2.5±0.5	3.5±0.5	5.0±0.5

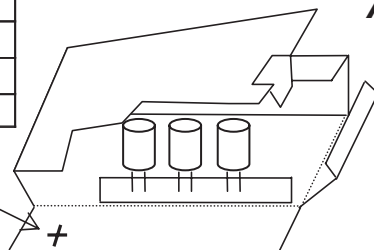
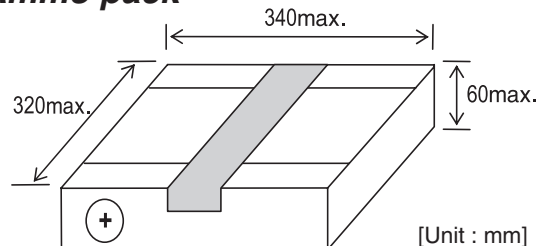
Note : Please inquire for FPCAP by Packing Unit as above.

FPCAP Taped Leads for Automatic Insertion Systems (Radial lead type)*RNS, RR7, RR5, RL8, RE5, RS8, RF8, RNU, RNE, RNL, RS6, RHT*

● Packing Quantity(Ammo Pack)

Size (dia)	Minimum quantity (pcs / Ammo Pack)
$\phi 5$	2,000
$\phi 6.3$	2,000
$\phi 8$	1,000
$\phi 10$	500

Polarity mark

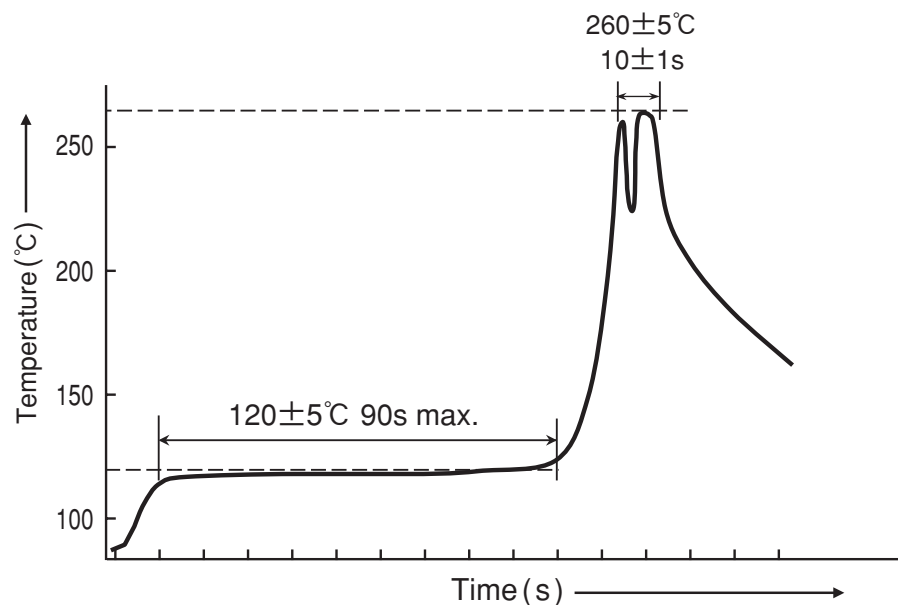
**Ammo pack**

[Unit : mm]

The lid of feeding side of the taping box shall be torn off at the perforation line.

Lead type aluminum electrolytic capacitors

Recommended conditions for flow soldering



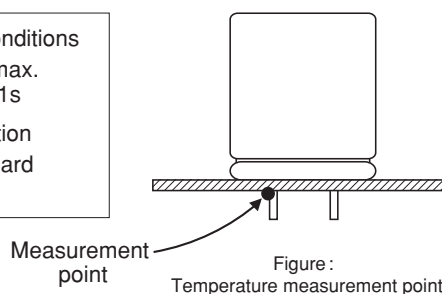
Recommended flow soldering conditions

Preheat : $120 \pm 5^\circ\text{C}$ 90s max.

Flow : $260 \pm 5^\circ\text{C}$ 10 ± 1 s

Temperature measurement position

A lead on the back of the board
(See the figure on the right)

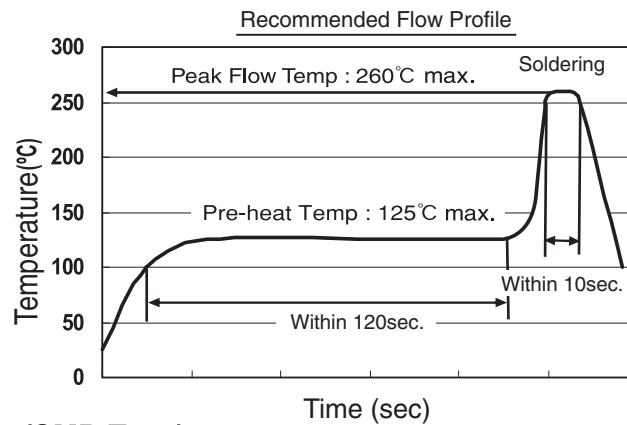
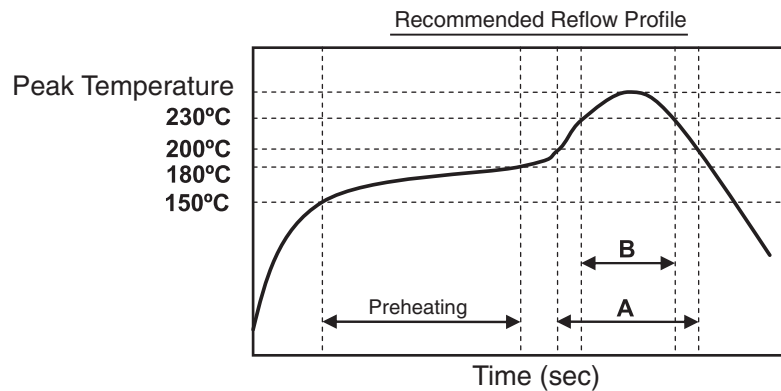


Recommended conditions for soldering irons

Temperature at the tip of the soldering iron. :

$350 \pm 10^\circ\text{C}$ $3 + 1 / - 0$ s

※ Conductive polymer aluminum solid electrolytic capacitors are not covered so please inquire separately.

FPCAP Lead free and RoHS directive compliant soldering requirements**Flow Soldering(Radial Lead Type)***RNS, RR7, RR5, RL8, RE5, RS8, RF8, RNU, RNE, RNL, RS6, RHT***Reflow Soldering(SMD Type)***RPS, RPA, RHS, RHA, RSS, RSA, RSB, RFS, RFA, RSL, RDS, RKS*

Item	Recommended Condition 1	Recommended Condition 2	Recommended Condition 3
Series	RPS, RPA, RHS, RHA, RSS, RSA, RSB, RFS, RFA, RSL		RDS, RKS
Peak Temperature	260°C max.	250°C max.	260°C max.
Preheating	150°C to 180°C within 90 seconds	150°C to 180°C within 90 seconds	150°C to 180°C within 90 seconds
A	200°C and higher within 60 seconds	200°C and higher within 60 seconds	200°C and higher within 60 seconds
B	230°C and higher within 40 seconds	230°C and higher within 40 seconds	230°C and higher within 40 seconds
The Number of Reflow	Only 1 Time	Twice or less	Twice or less