Jameco Part Number 1376430

Large Current Coil type EMI Filters (DNF)
SMD

Japan

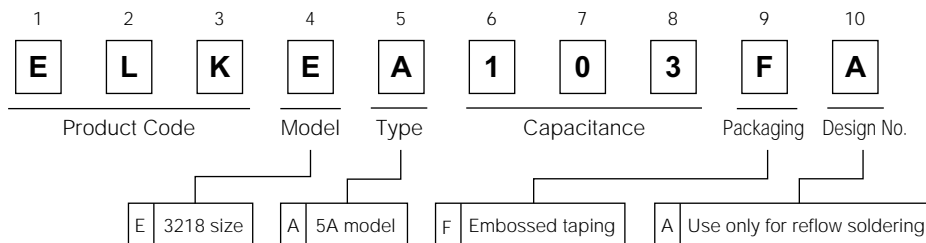Series: **E**

Type: **A**

■ Features
● 3218 case size, 5 A rated current.
● No variation in attenuation characteristics as current changes.
● Stable P/N marking using laser technology.
● Marking is on the top face of product. Easy P/N marking confirmation after assembly on PWB.

■ Recommended Applications
● Data lines, secondary power supply lines (DC lines) for game, digital AV and communications equipment.

■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10
E	L	K	E	A	1	0	3	F	A

| Product Code | | | Model | Type | Capacitance | | | Packaging | Design No. |

| E | 3218 size | | A | 5A model | | F | Embossed taping | | A | Use only for reflow soldering |

■ Typical Specification
● Operating temperature : –20 to +85 °C
● Rated Voltage : DC 50 V (Except ELKEA333FA : DC25 V)
● Rated Current : DC 5 A
● Reliability characteristics endurance (High Temp.)
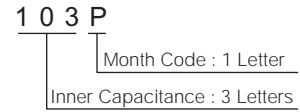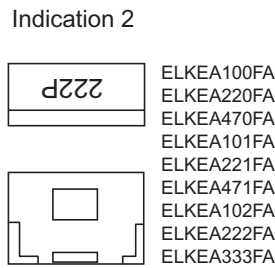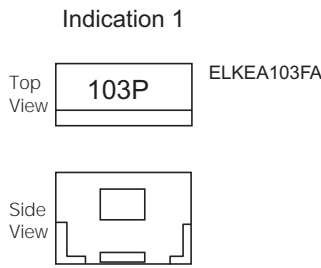 Soldering condition (reflow) : 85 °C 50 V 2 A 1000 h (Spec : 500 h)
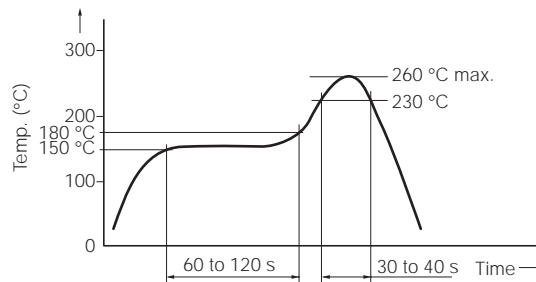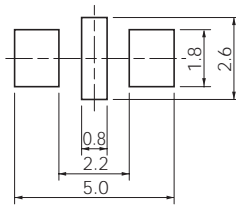

■ Standard Parts

Part No.	Cut off frequency (MHz)	Inner Capacitance (pF typ.)	Rated Voltage (V)	Rated Current (A)	Indication		Min. Packaging unit (pcs.)
ELKEA100FA	500	10			100□		
ELKEA220FA	300	22			220□		
ELKEA470FA	150	47			470□		
ELKEA101FA	70	100			101□	Indication 2	
ELKEA221FA	30	220	50	5.0	221□		2000
ELKEA471FA	15	470			471□		
ELKEA102FA	7	1000			102□		
ELKEA222FA	3	2200			222□		
ELKEA103FA	0.5/DC	10000			103□	Indication 1	
ELKEA333FA	0.2/DC	33000	25		333□	Indication 2	

note1 : 4th letter (□) of marking indicates the Month Code.
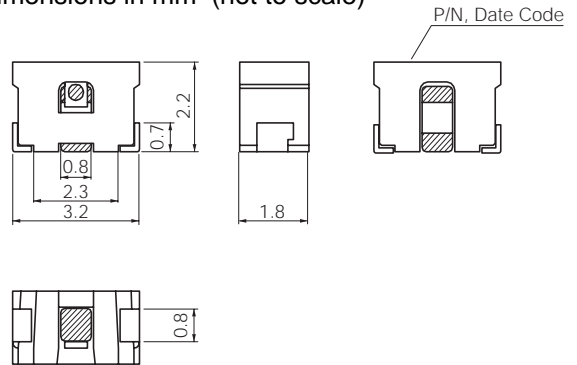note2 : Indication 1, 2 refer to Indication examples. (next page)

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NEW

■ Indication Examples

Indication 1

Top View

| 103P |

ELKEA103FA

Side View

Indication 2

| 222P |

ELKEA100FA
ELKEA220FA
ELKEA470FA
ELKEA101FA
ELKEA221FA
ELKEA471FA
ELKEA102FA
ELKEA222FA
ELKEA333FA

1 0 3 P

Month Code : 1 Letter

Inner Capacitance : 3 Letters

■ Land Pattern in mm (not to scale)

■ Dimensions in mm (not to scale)
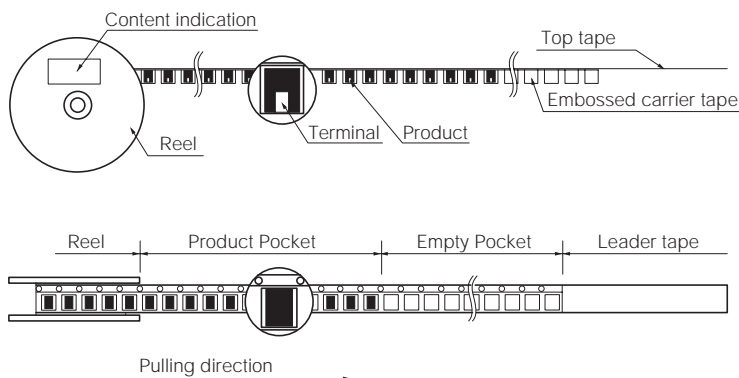
P/N, Date Code

■ Performance characteristics (Reference)

ELKEA□□□FA
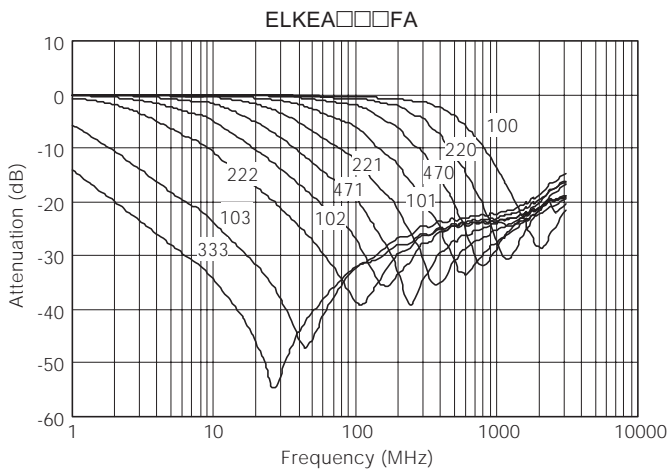
■ Equivalent circuit, measurement block diagram
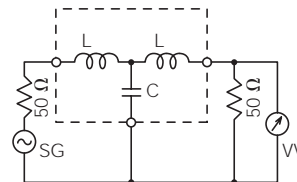
■ Packaging state

Reel Size : φ178
Q'ty   : 2000 pcs./Reel
Packaging : Embossed taping

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
Should a safety concern arise regarding this product, please be sure to contact us immediately.