## **USB** charger

Set product trend

Power source trend

Capacitor required specifications

Rapid charging Increased charging current

Increased output load current  $(1 A \rightarrow 2 - 5 A)$ 

(1 A, 2 - 5 A)

(1) Downsizing

(2) Emphasis on cost

(Current equivalent size)

(1) Smaller and lower profile component

(2) Design suppressing cost increase

Low ESR

Large capacitance

Low profile

Features of recommended products

SP-Cap

Ultra-low ESR (3 m $\Omega$  - )

Low profile (1 - 2 mm)



• Low ESR (5 mΩ - )

• Downsizing (3.5x2.8 mm)

