

Temperature Characteristics

NEXT series - Double Layer Capacitors



- Typical ESR over Temperature
- Typical Capacitance Value over Temperature
- Typical Current (30 minutes)

Test points: +25°C → -25°C → -40°C → +25°C → +85°C → +25°C

(Samples: n=10)

Page 2 ... 0.1F / 5.5VDC / PN: NEXT104Z5.5V11.5X8.5F

Page 3 ... 0.22F / 5.5VDC / PN: NEXT224Z5.5V14.5X12F

Page 4 ... 0.47F / 5.5VDC / PN: NEXT474Z5.5V16.5X13F

Page 5 ... 1.0F / 5.5VDC / PN: NEXT105Z5.5V21.5X13F

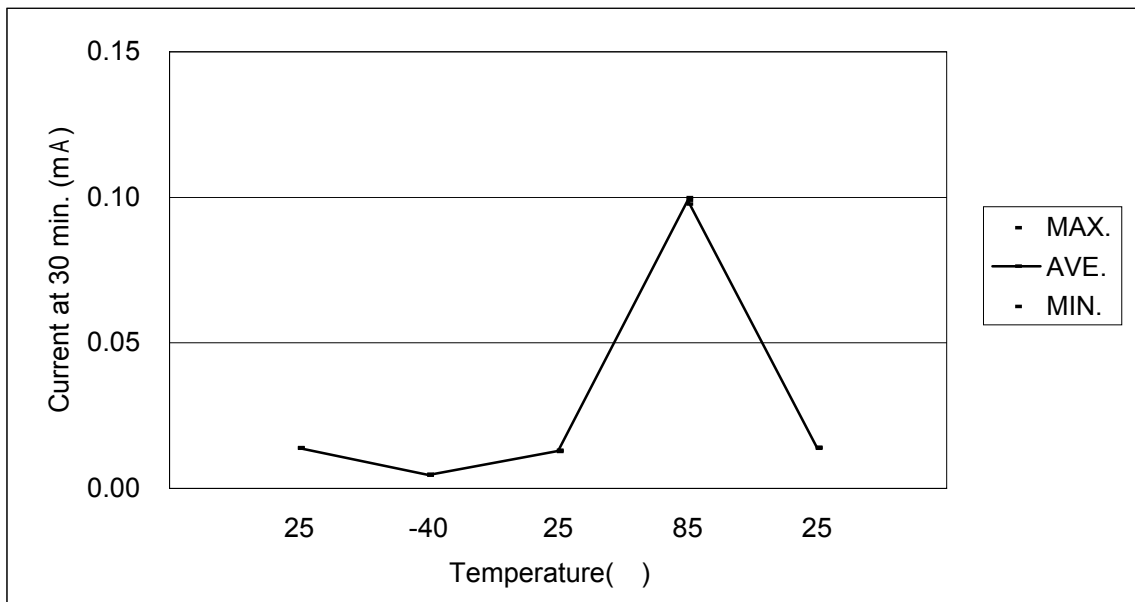
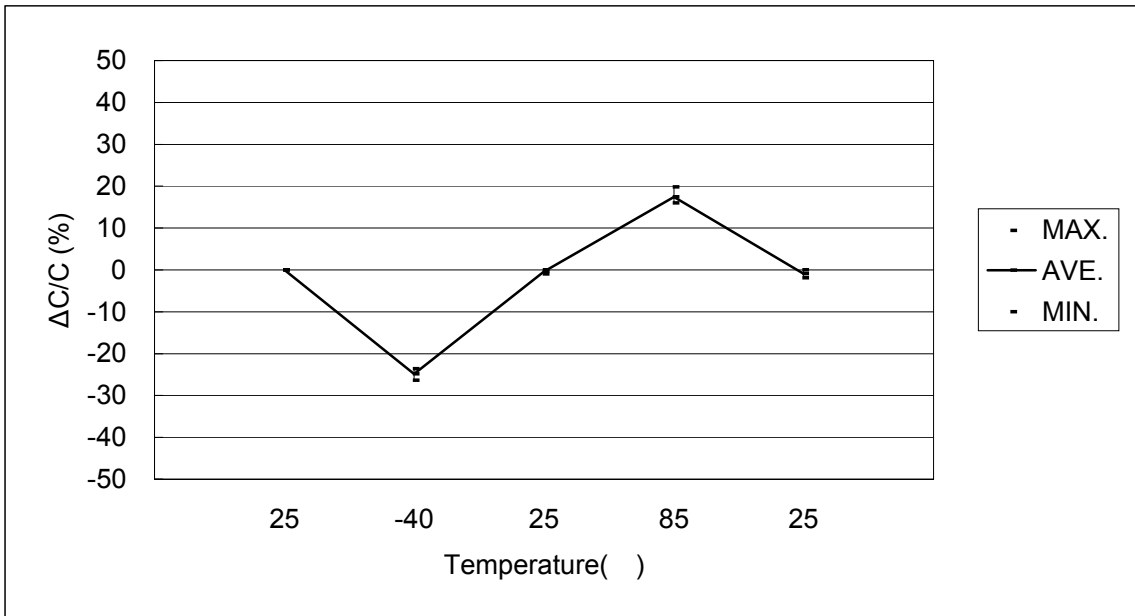
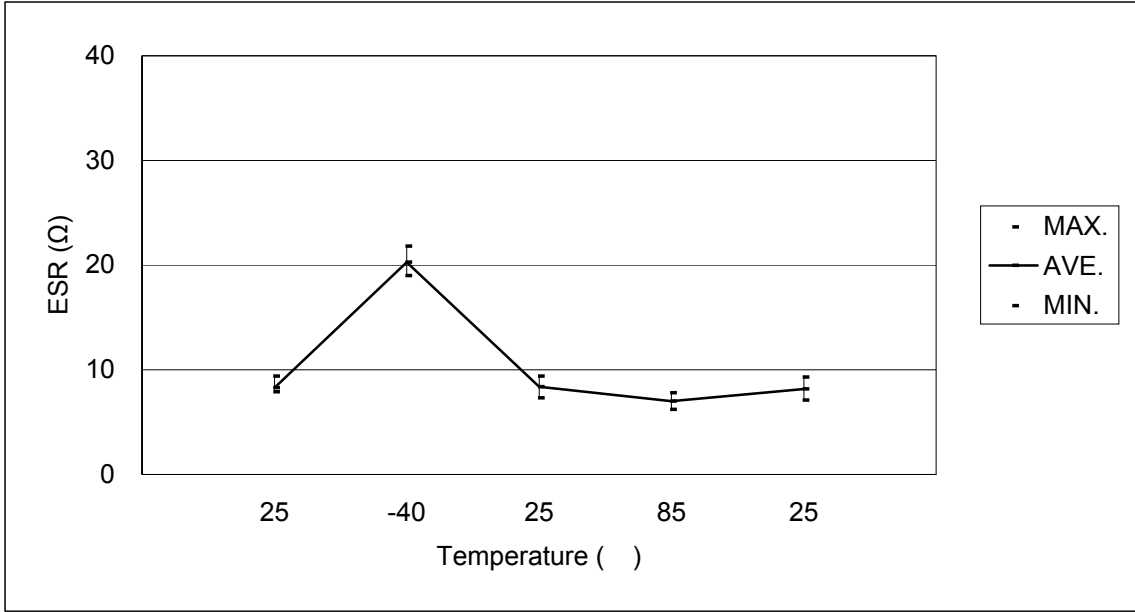
Page 6 ... 2.2F / 5.5VDC / PN: NEXT225Z5.5V28.5X14F

Product Specification: www.niccomp.com/catalog/next.pdf

NIC Technical Support: tpmg@niccomp.com

Temperature characteristics

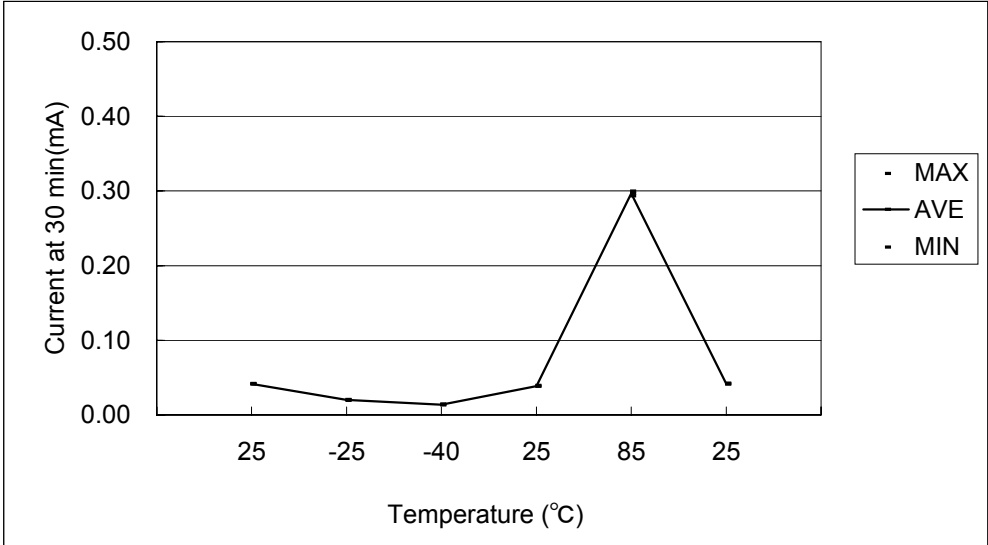
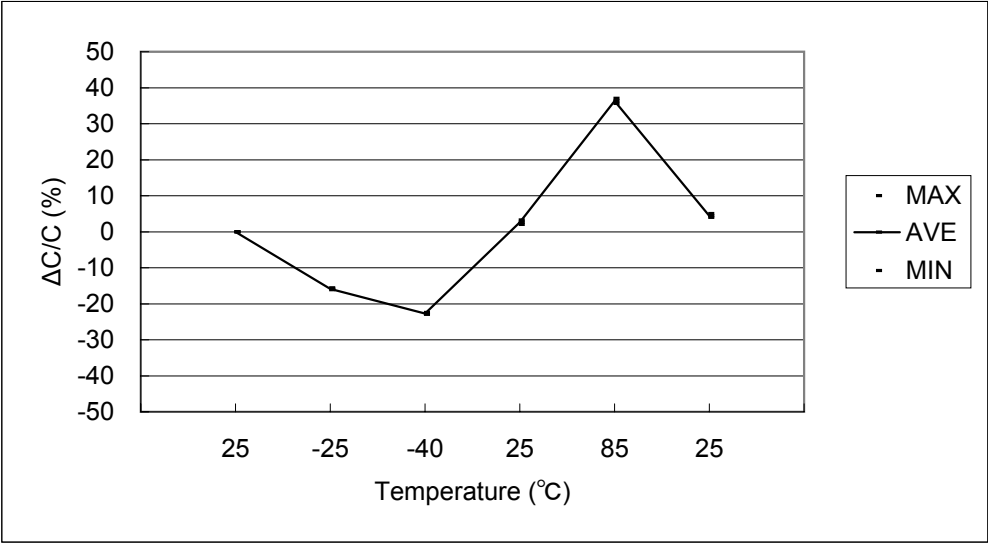
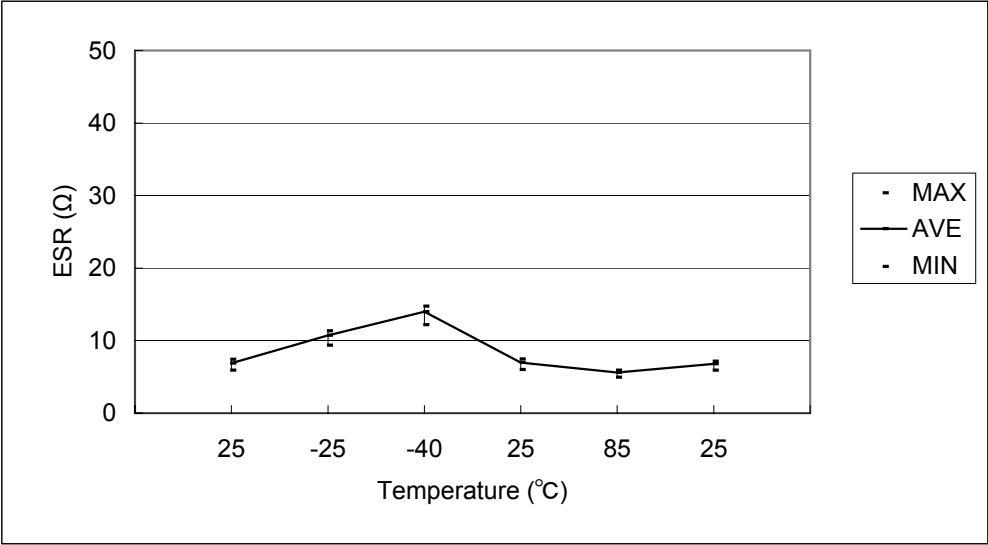
NEXT104Z5.5V11.5X8.5F 25 -40 25 85 25 (n=10)



Temperature characteristics

NEXT224Z5.5V14.5X12F

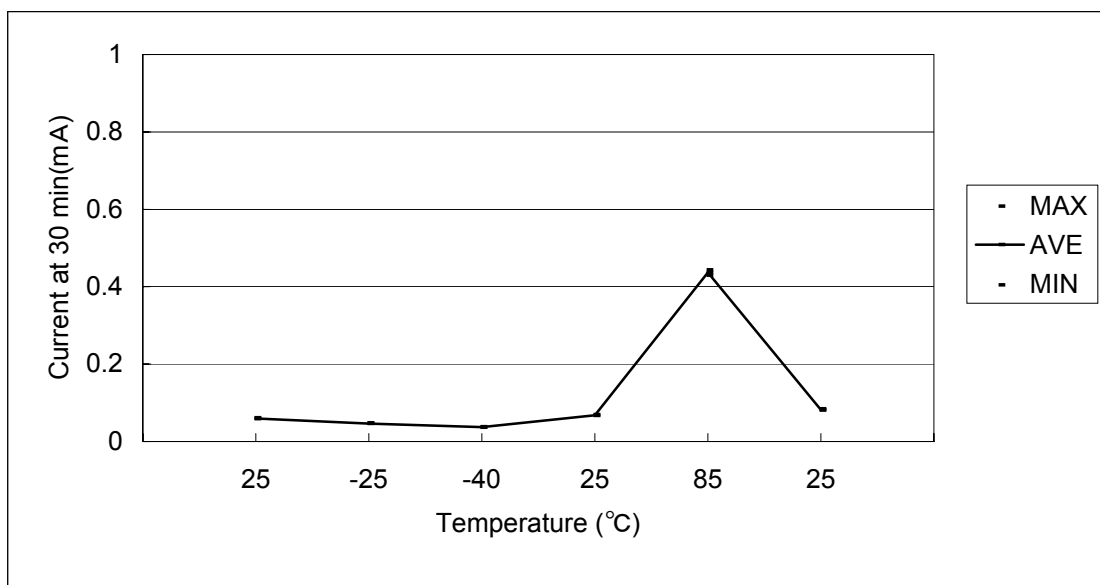
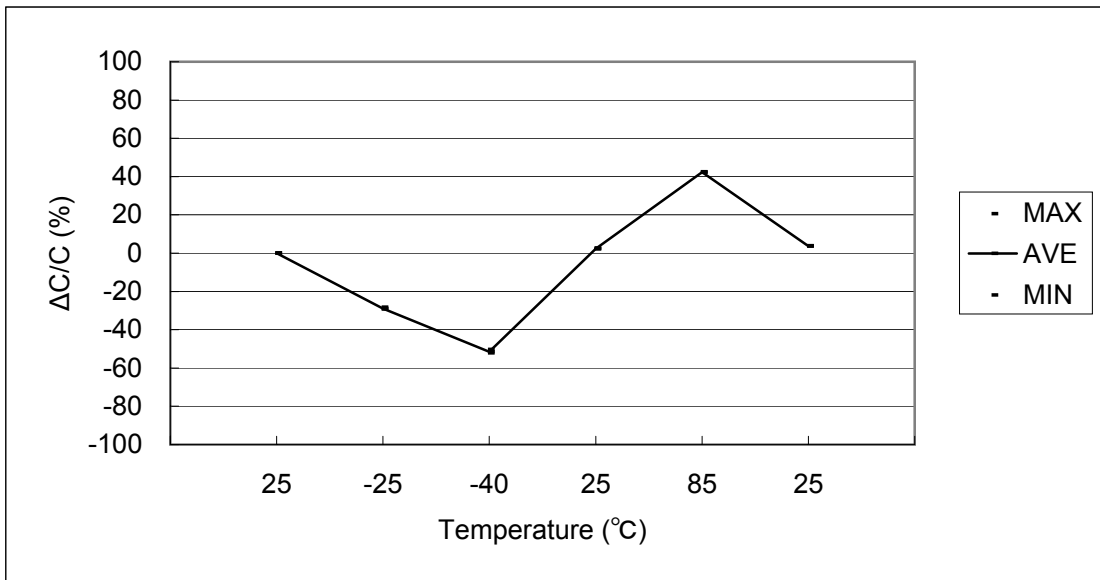
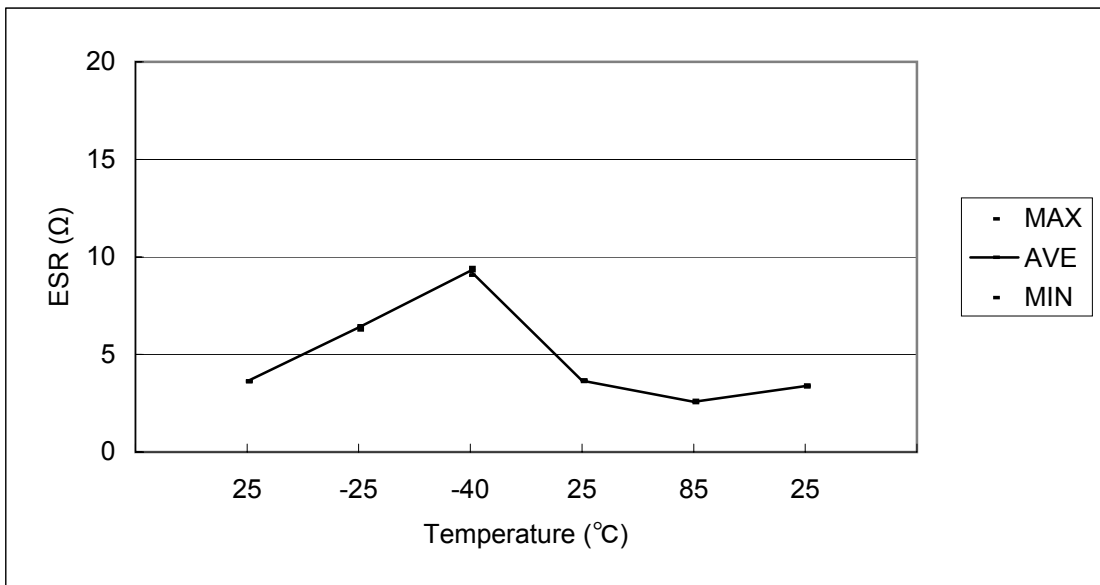
25°C→-25°C→-40°C→25°C→85°C→25°C (n=10)



Temperature characteristics

NEXT474Z5.5V16.5X13F

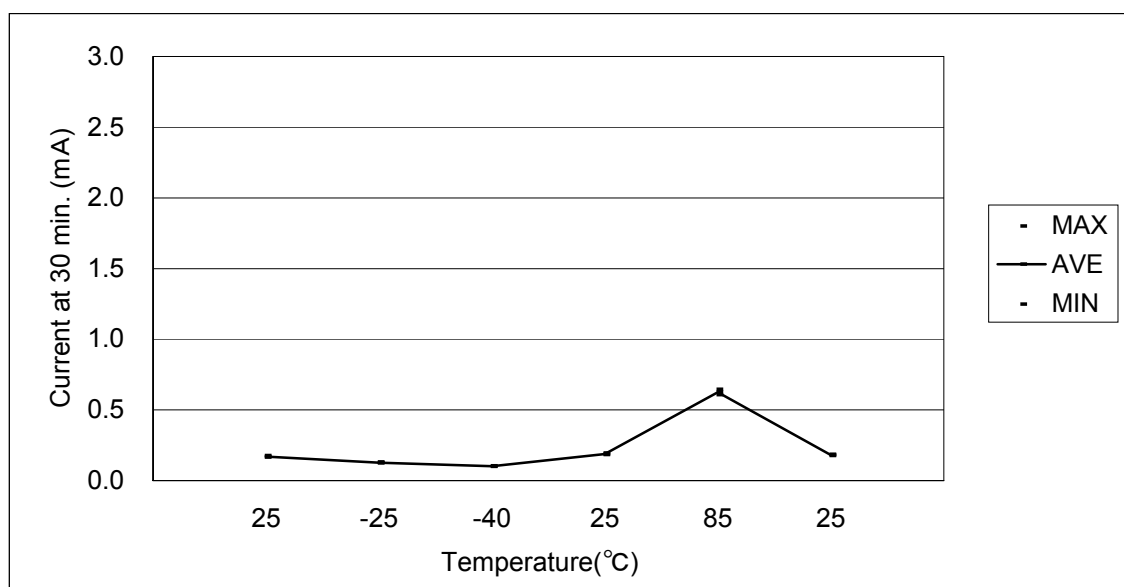
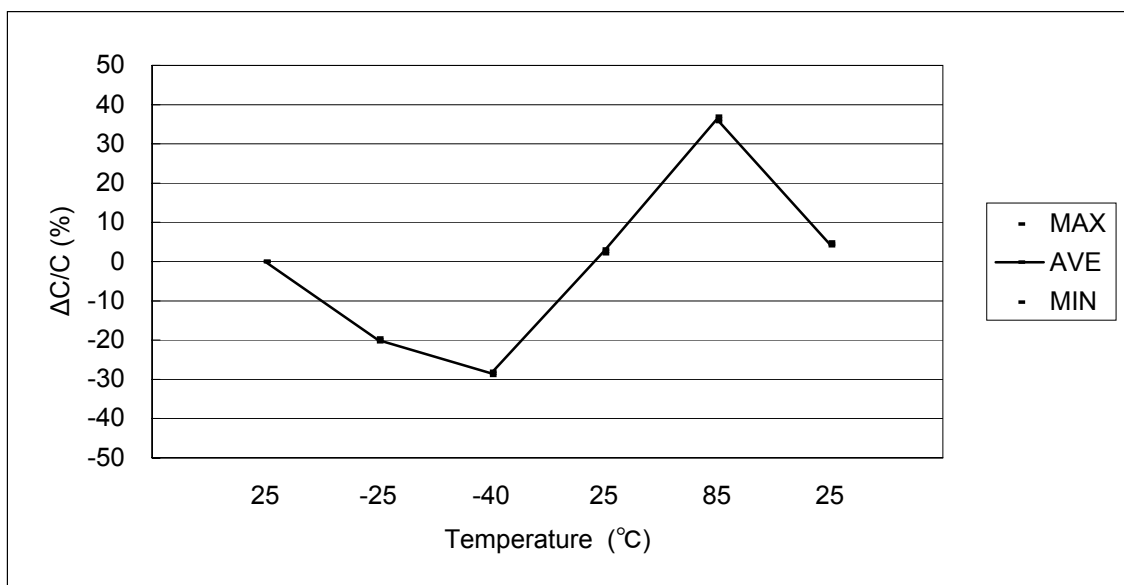
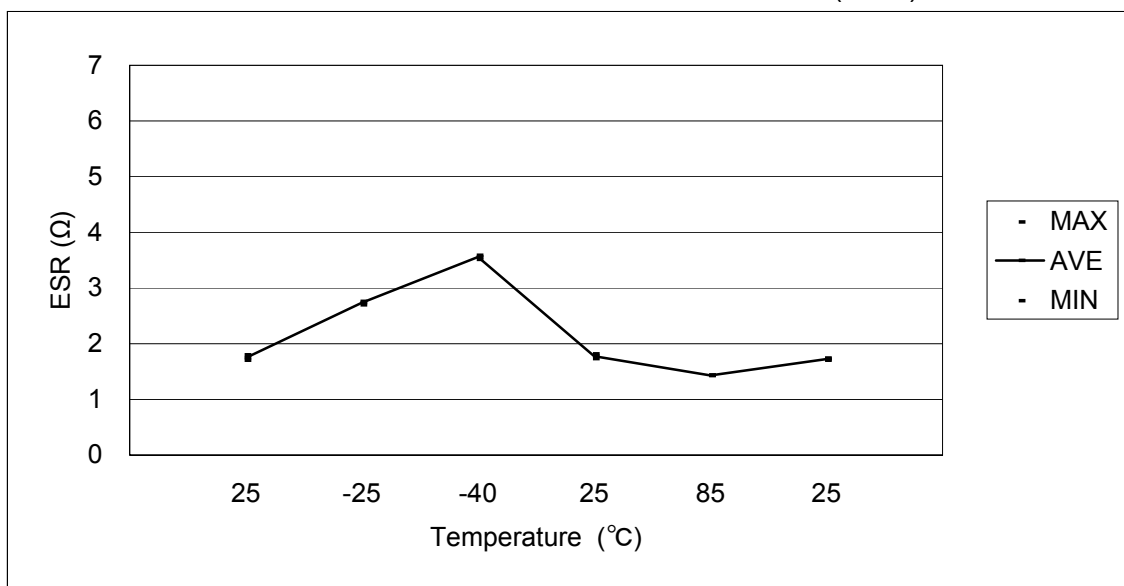
25°C→-25°C→-40°C→25°C→85°C→25°C (n=10)



Temperature characteristics

NEXT105Z5.5V21.5X13F

25°C→-25°C→-40°C→25°C→85°C→25°C (n=10)



Temperature characteristics

NEXT225Z5.5V28.5X14F

25°C→-25°C→-40°C→25°C→70°C→85°C→25°C (n=10)

