# Tech Topics: Industrial Power



### Nichicon: Industrial Power



- Wide Temperature
  Range of Parts
- High Reliability Parts
- Vibration Resistant Parts

# Nichicon Advantages

- Wide Temperature & Endurance Range
  - > Rated up to +150°C
  - > Rated up to 10,000 hours
- Automotive Grade Quality
  - > AEC- Q200 qualified



## Nichicon Advantages



- Vibration Resistant
  - > Added Soldering Strength
  - > Up to 30G's of Force
- Lead Configuration
  - Available in SMD and Radial Offerings

# Nichicon Offerings



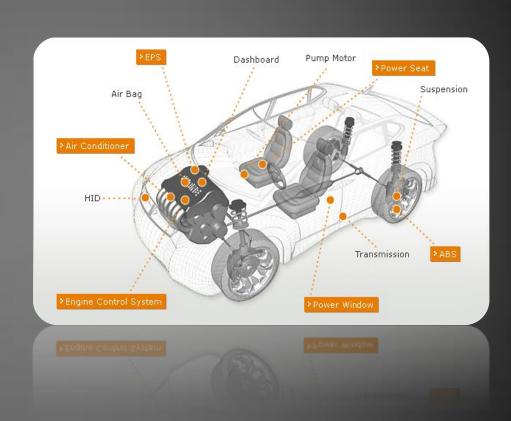


- BC series
  - >-55°C +150°C
  - **→ Vibration Resistant**
- •CX series
  - >-40°C +135°C
  - > High Reliability
  - BT series
    - >-40°C +125°C
    - ➤ High Voltage (450V)
  - BW series
    - >-55°C +135°C
    - ➤ High Temperature (135°C)

# Applications/Focus Markets

#### Automotive

- >Air Bags
- ➤ Engine Control Modules
- **Electric Pumps**
- >Smart Actuators



## Applications/Focus Markets



#### Power Electronics

- >DC/DC Converters
- >Industrial Control
- **Systems**
- >AC Electric Motors
- ><u>U</u>ninterruptible
- Power Supplies

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# For More Information



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- New Products
- Product Upgrades
- Vertical Markets