

Panasonic Industry solutions for Agriculture / Construction



【Benefit Points】

Hybrid capacitor, Resistor, Metal composite inductor, 6in1 Sensor

Hybrid capacitor

Large ripple capability for motor function

✓ Vibration proof

✓ AEC-Q200 compliant

✓ 125°C 4000 hrs

ZTU series

35 V / 390 μ F

3500 mArms



ø10 x 10.2 (mm)

ZUU series

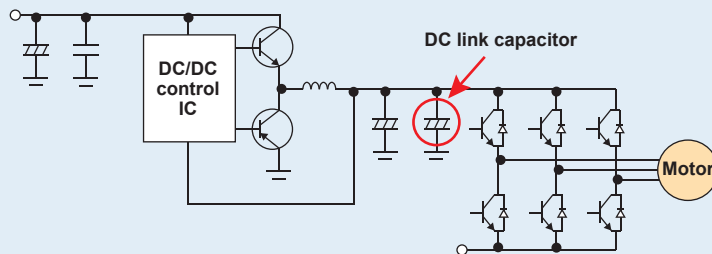
63 V / 180 μ F

5500 mArms



ø10 x 16.5 (mm)

Inverter circuit



Resistor

Supporting gate driver circuit

✓ Anti-Surge / Pulse

Gate resistor



ERJP*, ERJT*, ERJB/D* series

✓ Superior heat dissipation by Wide-terminal



ERJB/D* series

✓ Harsh-environment for Anti-sulfur series

ERJU/UP* series : Thick film resistor

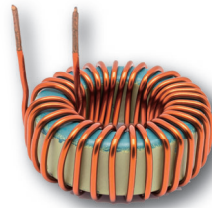
ERJC* series : Thick film resistor, Wide-terminal

ERA*/V/K/P series : Thin film resistor

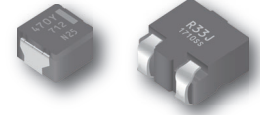
Metal composite inductor

Supporting higher current with smaller size

- ✓ Vibration proof
- ✓ Low DCR
- ✓ SMD

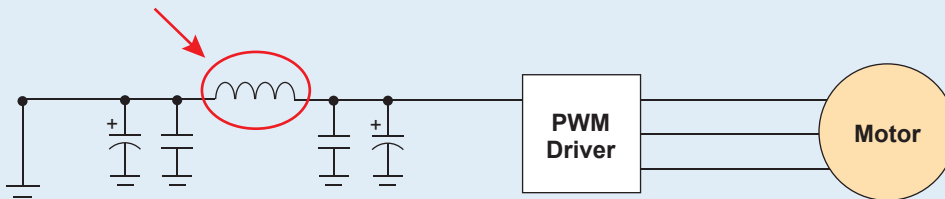


THD Rod core
& Toroidal core types



Panasonic Industry
Metal composite Inductor

Input filter coil



[Applications]

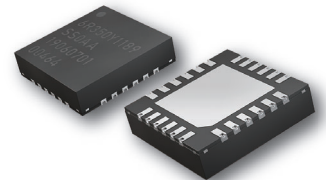
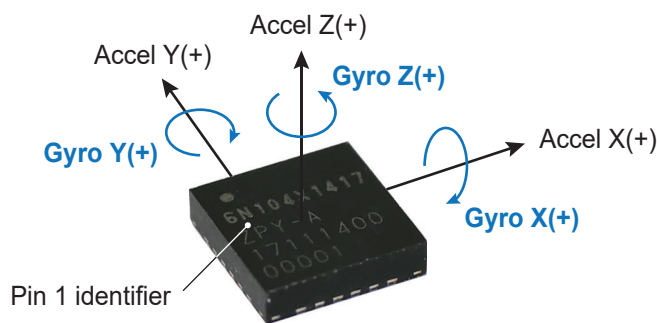
- Pump input filter
- Fan motor input filter
- EPS input filter

6in1 Sensor

EWTS5G series HP-Type

The world first ISO26262 compliant 6DoF inertial sensor

- ✓ 6DoF (3 acceleration and 3 gyro)



[Spec]

Item	EWTS5G-HP
Size (mm)	4.5 x 4.5 x 1.1
Operation temperature (°C)	-40 to +125
Operation voltage (V)	3.3±0.3 or 5.0±0.25
Data interface	SPI
Functional safety	Up to ASIL-D

[Features]

- High shock resistance : 1500 G
- High vibration resistance : 50 G (20 Hz to 20 kHz)
- Wide selectable measurement range : up to ±16 [G], ±300 [dps]

[Applications]

- Detecting cutting edge position
- Detecting body posture