

# Johanson Part Number TFCT500G180MZGV001B

Johanson Part Number: TFCT500G180MZGV001B

Johanson Company: JDI

Legacy P/N: 500R15N180MV3-BME

Size for Capacitors (EIA): 0805

Description: Capacitors Surface Mount BME < 500V,  
0805, NP0/C0G cap, 50.0V, 18.00pF±20% cap,  
Ni/Sn (RoHS) cap, Bulk cap

Specification Number: None

Life Cycle Stage: Ramp down (active , but not  
recommended for new designs)

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.050

Schedule B: 8532.24.00.20

Thickness (Min): None

ITAR: No

End Band(Min): 0.01

ECCN: EAR99

End Band (max): 0.030

RoHS Compliance: Yes, RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 16

Country of Origin: US, MX, or CN

Length (Min): 0.070

Product Family: Capacitors

Length (Max): 0.090

Product Subfamily: Capacitors Surface Mount BME <  
500V

Width (Min):0.040

Capacitance Value: 18.000

Width (Max): 0.060

Cap Unit of Meas: pF

Part Weight (mg): 24.00

Tolerance: ±20%

Packaged Width (lb) Arm: None

Voltage: 50.0

Packaging: Bulk

Dielectric Temp Coefficient: NP0/C0G

Packaging Qty: None

Termination: 68

Operating Temp Range: -55°C to +125°C

Marking: Special

Storage Temp Range (Packaged): -65°C to +125°C

Product Release Date: Jan. 3, 2006, 8 a.m.

Storage Temp Range (None Operating): +5°C to  
+40°C with RH 20% to 70%

Harmonization: 8532.24.00.20

\*This can vary significantly so it is important to obtain a quotation with lead time for production planning purposes.

Web Page Link: <https://www.johansondielectrics.com/surface-mount-mlc-capacitors>

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