

ATC Capacitor Datasheet

File ATC Help

Graph Selection

Rectangular Plots

- ☐ Q vs Frequency
- ☐ ESR vs Frequency
- ☒ I_{max} vs Frequency

S11/S22

- ☐ (dB) vs F
- ☐ phase vs F

S21/S12

- ☐ dB vs F
- ☐ phase vs F

Smith Charts

- ☐ S11/S22 vs F
- ☐ S21/S12 vs F

Vary Capacitance

+ Increase
Capacitance

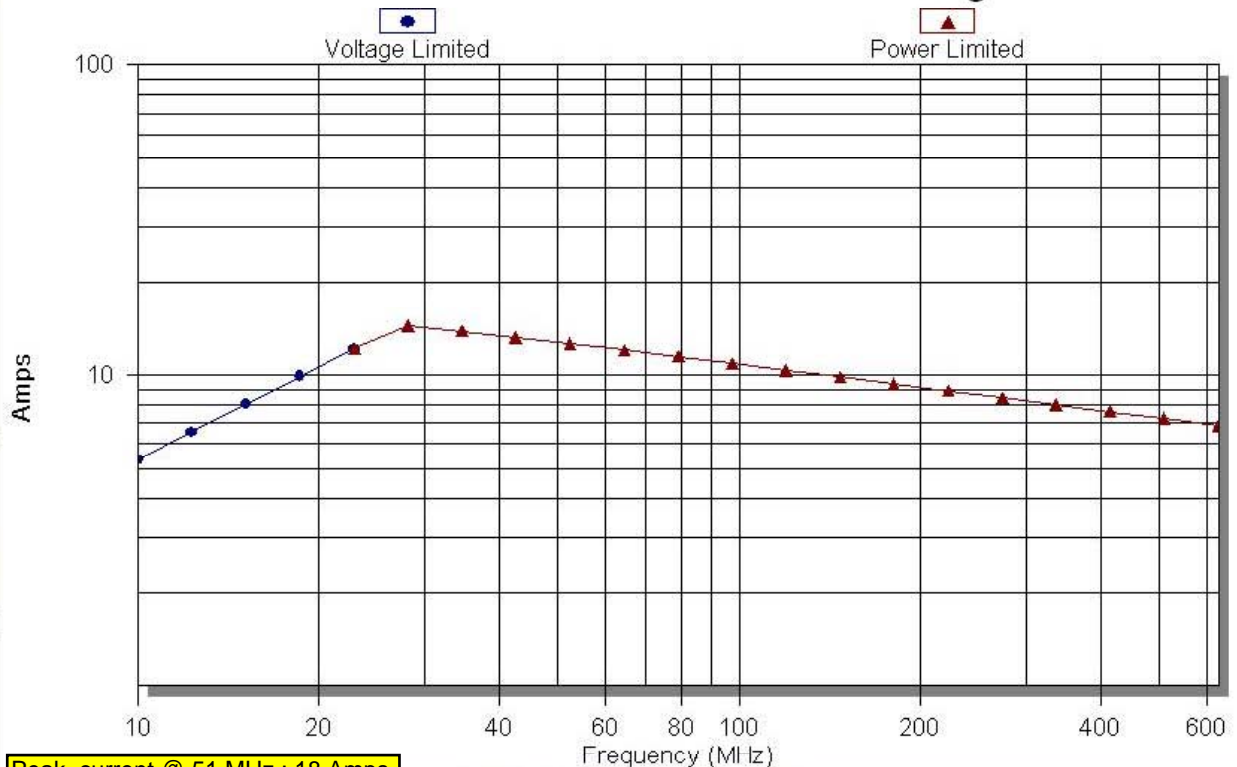
- Decrease
Capacitance

Vary Series

Previous Cap
Series

Next Cap Series

ATC100B121JW1000XT Current Rating



Capacitor Performance Parameters at 51.0 MHz

Capacitance	120 ±6.0 pF	Series Resonance	626.3 MHz	X _c	26.0 Ohms
ESR	0.019 Ohms	I _{max} RMS (Pwr Limit)	12.73 A	X _L	0.2 Ohms
Q	1404.4	Working Voltage (WVDC)	1000 V	Z	25.8 Ohms
C _{eff}	120.80 pF	ESL	0.54 nH		

+ Sample
Request

+ Add Part
to RFQ

Return
to Cap
Select

ATC Capacitor Datasheet

File ATC Help

Graph Selection

Rectangular Plots

- ☐ Q vs Frequency
- ☐ ESR vs Frequency
- ☒ I_{max} vs Frequency

S11/S22

- ☐ (dB) vs F
- ☐ phase vs F

S21/S12

- ☐ dB vs F
- ☐ phase vs F

Smith Charts

- ☐ S11/S22 vs F
- ☐ S21/S12 vs F

Vary Capacitance

+ Increase
Capacitance

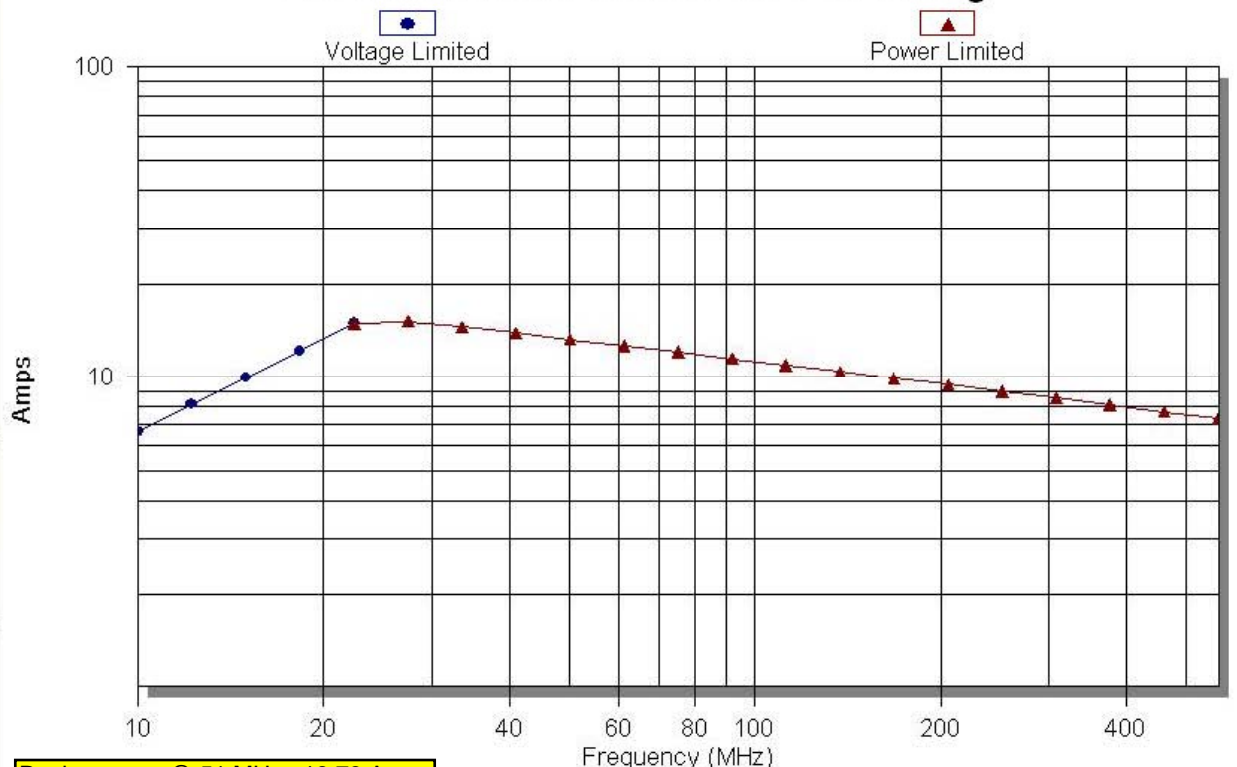
- Decrease
Capacitance

Vary Series

Previous Cap
Series

Next Cap Series

ATC100B151JW1000XT Current Rating



Capacitor Performance Parameters at 51.0 MHz

Capacitance	150 ±7.5 pF	Series Resonance	563.6 MHz	X _c	20.8 Ohms
ESR	0.017 Ohms	I _{max} RMS (Pwr Limit)	13.25 A	X _L	0.2 Ohms
Q	1216.9	Working Voltage (WVDC)	1000 V	Z	20.6 Ohms
C _{eff}	151.24 pF	ESL	0.53 nH		

+ Sample
Request

+ Add Part
to RFQ

Return
to Cap
Select