J2120A/J2122A verification

DC power supply output 5V/0.1A

5.0V

J2120A dropout voltage is about 2.0V~2.6V.
J2122A dropout voltage is adjustable.

← dropout voltage →

J2120A/J2122A

Input   Output

−   −

OSC

J2162A-500

Oscilloscope

CH1   CH2

Function generator

1kHz/1Vpp

for J2120A
CH1 is set to 1Mohm input impedance
CH2 is set to 50ohm input impedance
for J2122A
CH1 and CH2 are set to 1Mohm input impedance

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Tek   Run   Sample   5167 Acqs   31 Jul 23 14:40:10   Buttons

Ch2 Position
0.0div

Ch2 Scale
500.0mV

Pk-Pk(C1)   1.02V
μ: 1.0160271
m: 940.0m   M: 2.02
σ: 11.43m   n: 38.02k

Pk-Pk(C2)   1.06V
μ: 1.0563217
m: 1.04   M: 1.08
σ: 10.1m   n: 5.033k

Freq(C2)!   1.001kHz
μ: 1.0000503k
m: 989.3   M: 1.01k
σ: 2.352   n: 4.957k

Ch1   500mV Ω Bw   Ch2   500mV Ω Bw   M 1.0ms 5.0MS/s   200ns/pt
A Ch2 ∕ 0.0V