

224 Channels | E82.C224K

Piezo Amplifier



Introduction

The E82.C224K piezo amplifier has passed very strict environmental experiments, such as salt spray test, mold test, damp heat test, electromagnetic compatibility test, vibration test, etc.

Characteristics >>

- 224 channels
- Output -20~+120V
- Input power 1000W
- Custom is available

Applications >>

- Driving piezo actuator
- Driving piezo nanopositioning stage
- Driving piezo objective scanner
- Driving piezo shifter
- Driving FTS fast tool positioner
- Driving piezo scanning platform
- Driving capacitive load



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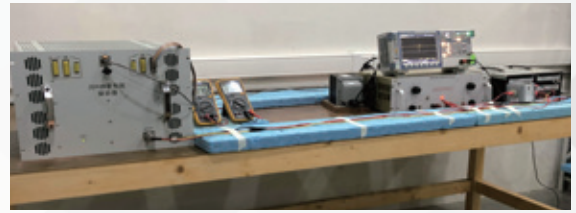
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Technical Data >>

Type	E82.C224K
Channels	224
Output voltage(V)	-20~+120
Output voltage resolution(mV)	5
Output voltage ripple(mV)	10 (RMS)
Ave. current/channel(mA)	25
Peak current/channel(mA)	80
Output bandwidth(kHz)	1
Protection	Over current
PZT output interface	J24H-52ZKH, J24H-74ZKH J24H-15ZKH (optional)
Communication	Ethernet port, HY9511180A
AD gathering function	Software
Power supply	AC 220V
Power interface	JY27467T13E03PN-H
Input power(W)	1000
Mass(g)	58000
Size(mm)	19 inch, standard 8U, W480×H351×D506
Operating temperture(° C)	-10~+40
Store temperture(° C)	-25~+50
Customization	Available

Test >>

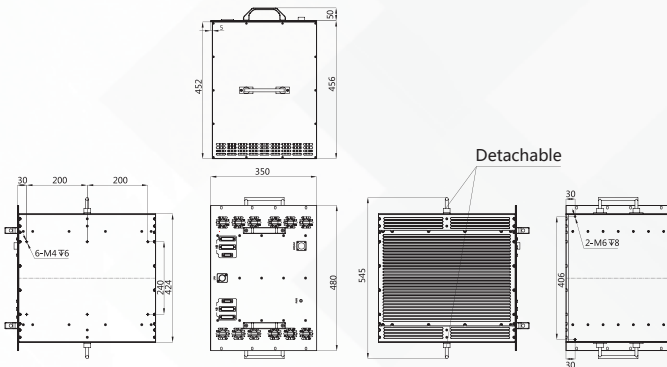


Electromagnetic Compatibility Test

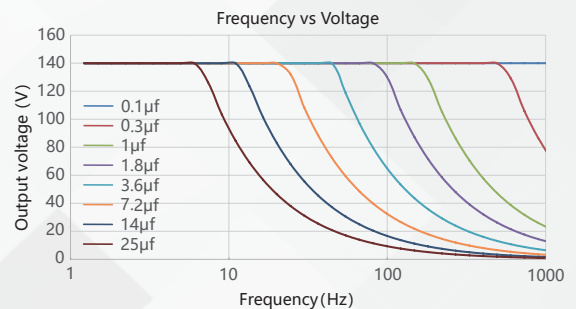


High and Low Temperature Test

Drawing >>



Curves >>



Disclaimer: The data here are typical, only for reference. Some variations will occur for different batch.



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