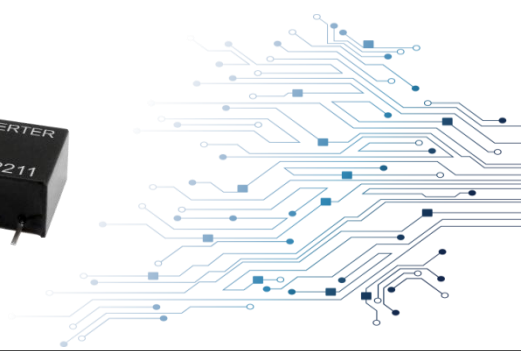


NP1+NP2 Series



New 1W+2W Fixed Input with Continuous Short Circuit Protection

MOTIEN TECHNOLOGY specializes in DC/DC Converters and is proud to present the new product – NP1+NP2 Series

Feature:

- ✓ 1W+ 2W Power rating / SIP 7
- ✓ Efficiency is up to 84% (NP1) & 87% (NP2)
- ✓ Continuous Short Circuit Protection
- ✓ Operating temperature: -40°C~+95 °C (NP1)
- ✓ 3000 / 6000 VDC Isolation
- 40°C~+90 °C (NP2)

Comparison with MOTIEN existing products :

	NP1	V1	V1P	T1
Package	SIP7	SIP7	SIP7	SIP7
Pinout compatibility	Compatible			
Short Circuit Protection	YES	NO	YES	YES
Capacitor Load	220~3300 μ F	100~220 μ F	100~220 μ F	47~220 μ F
Isolation Voltage	3000 Vdc / 6000 Vdc	1000~6000Vdc	1000~6000Vdc	1500~3000Vdc
Case Temperature	115 °C	100 °C	100 °C	115 °C
Operating Temperature	-40~95 °C	-40~85 °C	-40~85 °C	-40~105 °C
Safety	Functional Insulation	Functional Insulation IEC/EN/UL 60950-1 , 62368-1	Functional Insulation	Functional Insulation

	NP2	V3
Package	SIP7	SIP7
Pinout compatibility	Compatible	
Short Circuit Protection	YES	No
Capacitor Load	220~3300 μ F	220~470 μ F
Isolation Voltage	3000 VDC / 6000 VDC	1000~6000Vdc
Case Temperature	115 °C	100 °C
Operating Temperature	-40~90 °C	-40~85 °C
Safety	Functional Insulation	Functional Insulation



MOTIEN TECHNOLOGY CO., LTD.

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