



The NEW RELEASE of High Power Density DC/DC Converter

模甸科技 MOTIEN TECHNOLOGY 専門の製造メーカー

最新ハイパワー密度 DC/DC コンバータを発表 - M10A-10W Series

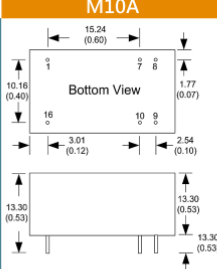
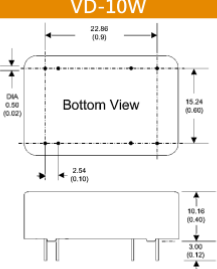
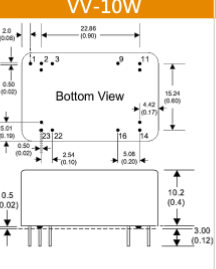
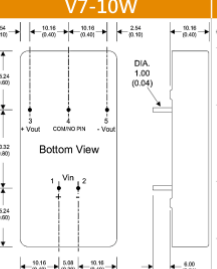
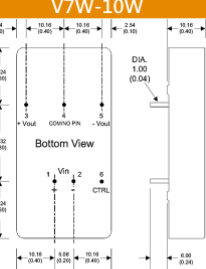


製品特性:

- ✓ 10W 出力 / DIP-16 パッケージ
- ✓ 4:1 ワイドレンジ入力
- ✓ EMC EN55032 Class A 規格準拠し、外付き不要
- ✓ 連続短絡保護
- ✓ 最大効率 87%
- ✓ 1600 VDC 絶縁耐圧



M10A シリーズとMOTIEN 既存の10W 製品の比較表:

	M10A	VD-10W	VV-10W	V7-10W	V7W-10W
PIN Connections					
Package	DIP16	DIP24	DIP24	2" x 1"	2" x 1"
Dimensions	0.94" x 0.54" x 0.41"	1.25" x 0.80" x 0.40"	1.25" x 0.80" x 0.40"	2.0" x 1.0" x 0.4"	2.0" x 1.0" x 0.4"
Pinout compatibility	Incompatible				
Input Voltage Range	4:1	2:1	4:1	2:1	4:1
Output Voltage Accuracy	±1%	±1%	±1.2%	±1%	±1%
Line Regulation	±0.5%	±0.5%	±0.2%	±0.5%	±0.5%
Load Regulation	±1%	±0.5% / ±1%	±0.5% / ±1%	±0.5% / ±1%	±0.5% / ±1%
Minimum Load Required	NO	NO	NO	NO	NO
Ripple & Noise	80mVpk-pk	75mVpk-pk	85mVpk-pk	100mVpk-pk	75mVpk-pk
Under Voltage Lockout	YES	NO	NO	NO	YES
Short Circuit Protection	YES	YES	YES	YES	YES
Over Load Protection	YES	YES	YES	YES	YES
Over Voltage Protection	NO	YES	YES	NO	NO
Remote ON/OFF	NO	NO	YES	NO	YES
Trim	YES	NO	NO	NO	NO
Built-in EN 55032 class A filter	YES	NO	NO	NO	NO
Isolation	1600VDC	1500VDC	1600VDC	1500~3500VDC	1500VDC
Operating Temp. (Full Load)	3R3: -40°C ~ 58°C 05: -40°C ~ 60°C Other: -40°C ~ 74°C	-40°C ~ 60°C	-40°C ~ 60°C	-40°C ~ 85°C	-40°C ~ 85°C

