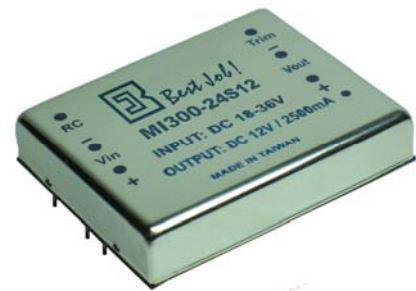


# MI SERIES 25-30W WIDE INPUT RANGE



## FEATURES

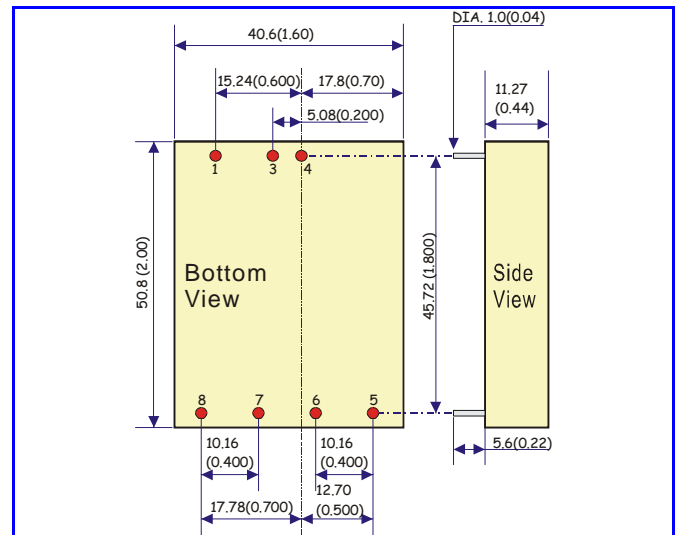
- 25-30W DIL PACKAGE
- 18-36V,36-75V WIDE INPUT RANGE
- INDUSTRY STANDARD PACKAGE
- 100% BURN IN
- HIGH EFFICIENCY
- UL94V-0 PACKAGE MATERIAL
- CUSTOM SOLUTION BE AVAILABLE
- 3 YEARS WARRANTY



OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy		Input Voltage Range	2:1 INPUT RANGE	Efficiency	84% typ..
Single Output	+/-2% max	Input Filter	Pi Network	Isolation Voltage	1500 VDC min
Temperature Coefficient	+/-0.05%/°C	Protection	Fuse Recommended	Isolation Resistance	10 <sup>9</sup> ohms min
Ripple & Noise(20MHz BW)	150mVp-p max	<b>ENVIRONMENTAL SPECIFICATIONS</b>		Isolation Capacitance	2500pF max
Line Regulation/Single	+/-0.5% max	Operating Temperature	-40°C to +80°C	Switching Frequency	300KHz typ.
Load Regulation/Single	+/-0.5% max	Storage Temperature	-55°C to +100°C	MTBF	>400,000 Hours
Minimum Load	10% of Full Load	Cooling	Free-Air Convection	Case Material	Five-Side Shielded Case
Short Circuit Protection	Continuous	Humidity	95% max	Weight	90g typ.
Transient Response	500uS max			Case Size	50.8mm*40.6*10.2mm

### ● 2:1 30W OUTPUT

MODEL NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	ISOLATION (VDC)
		VOLTAGE (VDC)	CURRENT (mA)		
MI300-24S12	18-36	12	2500	84	1500
MI300-24S15	18-36	15	2000	84	1500
MI300-48S05	36-75	5	6000	84	1500
MI300-48S12	36-75	12	2500	86	1500
MI300-48S15	36-75	15	2000	86	1500



PIN	1	2	3	4	5	6	7	8	
SINGLE		Remote ON/OFF	NP	-Vin	+Vin	NP	+Vout	-Vout	Trim

### ● MECHANICAL DIMENSIONS