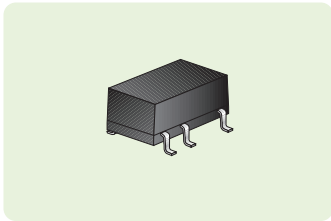


MAGNETIX type MTE

1W, Single Output

SMD

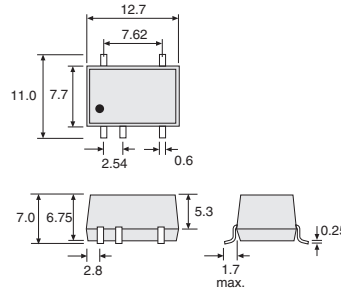


- ◆ 14 pin SMD package
- ◆ 1kV isolation
- ◆ UL94V-0
- ◆ Industry standard
- ◆ No external components

Specification

Input voltage range ±5%
 Line regulation 1.2% per 1% V_{IN}
 Switching frequency 100kHz (typ.)
 Operating temperature range 0°C to +70°C

Dimensions (mm)



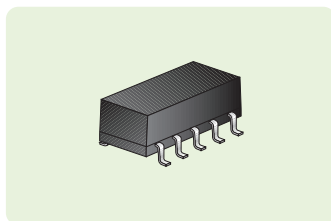
Pin	Function
1	GND
3	V_{IN}
7	0V
8	+ V_O
14	NC

Nominal Input (V)	Output (V)	Output Current (mA)	Load Regulation % (10% to 100% load)	Manf. Part No. & Anglia Order Code
5	5	200	15	MTE0505J
5	9	110	8.5	MTE0509J
5	12	84	8.5	MTE0512J
5	15	67	8.5	MTE0515J
12	5	200	15	MTE1205J
12	9	110	8.5	MTE1209J
12	12	84	8.5	MTE1212J
12	15	67	8.5	MTE1215J

MAGNETIX type MTA

1W, Dual Output

SMD

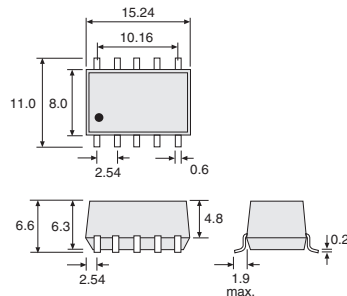


- ◆ 18 pin SMD package
- ◆ Dual output
- ◆ 1kV isolation
- ◆ UL94V-0
- ◆ High efficiency
- ◆ Competitively priced

Specification

Input voltage range ±10%
 Line regulation 1.2% per 1% V_{IN}
 Switching frequency 100kHz (typ.)
 Operating temperature range -40°C to +85°C

Dimensions (mm)



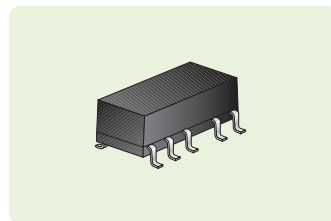
Pin	Function
1	GND
3	V_{IN}
5	NC
7	0V
9	- V_O
10	NC
12	+ V_O
14	NC
16	NC
18	NC

Nominal Input (V)	Output (V)	Output Current (mA)	Load Regulation % (10% to 100% load)	Manf. Part No. & Anglia Order Code
5	5	±100	12	MTA0505J
5	9	±55	8	MTA0509J
5	12	±42	8.5	MTA0512J
5	15	±33	7	MTA0515J
12	5	±100	12	MTA1205J
12	9	±55	8	MTA1209J
12	12	±42	8.5	MTA1212J
12	15	±33	7	MTA1215J

MAGNETIX type MTV

1W, Dual Output, 3kV Isolation

SMD

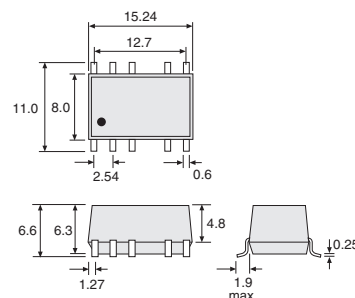


- ◆ 22 pin SMD package
- ◆ Dual output
- ◆ 3kV isolation
- ◆ UL94V-0
- ◆ High efficiency
- ◆ Competitively priced

Specification

Input voltage range ±10%
 Line regulation 1.2% per 1% V_{IN}
 Switching frequency 115kHz (typ.)
 Operating temperature range -40°C to +85°C

Dimensions (mm)

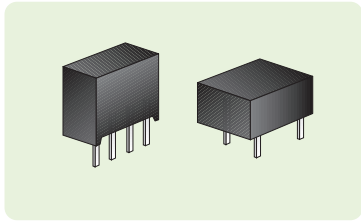


Pin	Function
1	GND
3	V_{IN}
5	NC
9	0V
11	- V_O
12	NC
14	+ V_O
18	NC
20	NC
22	NC

Nominal Input (V)	Output (V)	Output Current (mA)	Load Regulation % (10% to 100% load)	Manf. Part No. & Anglia Order Code
5	5	±100	12	MTV0505J
5	9	±55	8	MTV0509J
5	12	±42	8.5	MTV0512J
5	15	±33	7	MTV0515J
12	5	±100	12	MTV1205J
12	9	±55	8	MTV1209J
12	12	±42	8.5	MTV1212J
12	15	±33	7	MTV1215J

MAGNETIX type MME

1W, Single Output



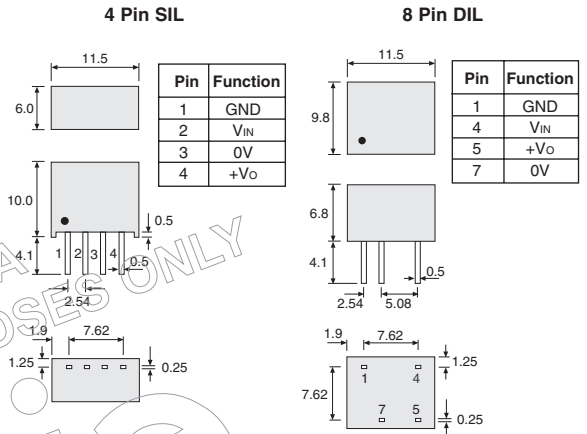
- ◆ 4 pin SIL or 8 pin DIL package
- ◆ 1kV isolation
- ◆ UL94V-0
- ◆ Industry standard
- ◆ Competitively priced

Specification

Input voltage range ±10%
 Line regulation 1.2% per 1% V_{IN}
 Switching frequency 100kHz (typ.)
 Operating temperature range -40°C to +85°C

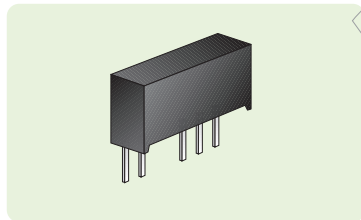
Nominal Input (V)	Output (V)	Output Current (mA)	Load Regulation % (10% to 100% load)	Manf. Part No. & anglia Order Code	
				SIL	DIL
5	5	200	15	MME0505S	MME0505D
5	12	84	10	MME0512S	MME0512D
5	15	67	10	MME0515S	MME0515D
12	5	200	15	MME1205S	MME1205D
12	12	84	10	MME1212S	MME1212D
12	15	67	10	MME1215S	MME1215D
24	5	200	15	MME2405S	MME2405D
24	12	84	10	MME2412S	MME2412D
24	15	67	10	MME2415S	MME2415D

Dimensions (mm)



MAGNETIX type MMF

1W, Regulated Output + Control Pin



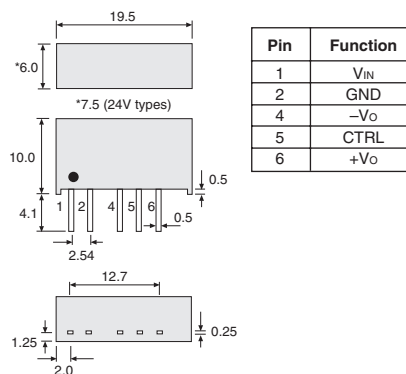
- ◆ 7 pin SIL package
- ◆ Control pin
- ◆ 1kV isolation
- ◆ Regulated output
- ◆ UL94V-0
- ◆ Competitively priced

Specification

Input voltage range ±5%
 Line regulation 0.25% per 1% V_{IN}
 Load regulation ±1.5%
 Switching frequency 80kHz (typ.)
 Operating temperature range 0°C to +70°C

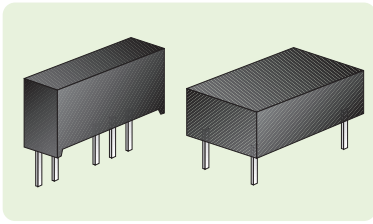
Nominal Input (V)	Output (V)	Output Current (mA)	Manf. Part No. & anglia Order Code
5	5	100	MMF0505S
5	12	83	MMF0512S
5	15	67	MMF0515S
12	5	100	MMF1205S
12	12	83	MMF1212S
12	15	67	MMF1215S
24	5	100	MMF2405S
24	12	83	MMF2412S
24	15	67	MMF2415S

Dimensions (mm)



MAGNETIX type MMA

1W, Dual Output



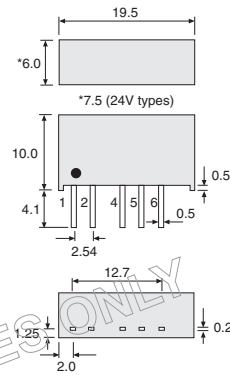
- ◆ 7 pin SIL/14 pin DIL package
- ◆ Dual output
- ◆ 1kV isolation
- ◆ UL94V-0
- ◆ Competitively priced

Specification

Input voltage range ±10%
 Line regulation 1.2% per 1% V_{IN}
 Switching frequency 100kHz (typ.)
 Operating temperature range -40°C to +85°C

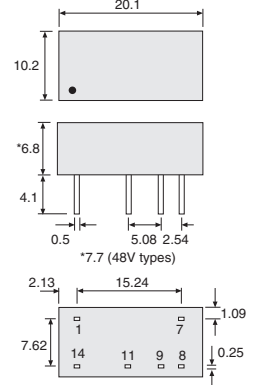
Dimensions (mm)

7 Pin SIL



Pin	Function
1	V _{IN}
2	GND
4	-V _O
5	0V
6	+V _O

14 Pin DIL

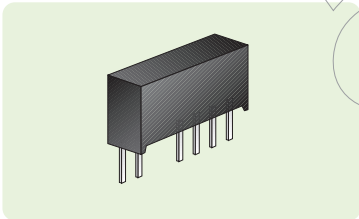


Pin	Function
1	GND
7	NC
8	0V
9	+V _O
11	-V _O
14	V _{IN}

Nominal Input (V)	Output (V)	Output Current (mA)	Load Regulation % (10% to 100% load)	Manf. Part No. & anglia Order Code	
				SIL	DIL
5	5	±100	15	MMA0505S	MMA0505D
5	9	±55	10	MMA0509S	MMA0509D
5	12	±42	10	MMA0512S	MMA0512D
5	15	±33	10	MMA0515S	MMA0515D
12	5	±100	15	MMA1205S	MMA1205D
12	9	±55	10	MMA1209S	MMA1209D
12	12	±42	10	MMA1212S	MMA1212D
12	15	±33	10	MMA1215S	MMA1215D
24	5	±100	15	MMA2405S	MMA2405D
24	9	±55	10	MMA2409S	MMA2409D
24	12	±42	10	MMA2412S	MMA2412D
24	15	±33	10	MMA2415S	MMA2415D
48	5	±100	15	MMA4805S	MMA4805D
48	9	±55	10	MMA4809S	MMA4809D
48	12	±42	10	MMA4812S	MMA4812D
48	15	±33	10	MMA4815S	MMA4815D

MAGNETIX type MMD

1W, Twin Independent Outputs

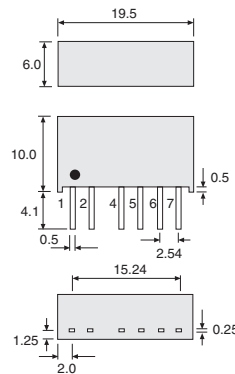


- ◆ 7 pin SIL package
- ◆ Twin independent outputs
- ◆ 1kV isolation
- ◆ UL94V-0
- ◆ High efficiency
- ◆ Competitively priced

Specification

Input voltage range ±10%
 Line regulation 1.2% per 1% V_{IN}
 Switching frequency 100kHz (typ.)
 Operating temperature range 0°C to +70°C

Dimensions (mm)

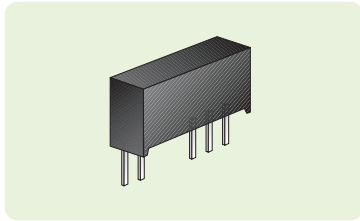


Pin	Function
1	V _{IN}
2	GND
4	+V _{O1}
5	-V _{O1}
6	+V _{O2}
7	-V _{O2}

Nominal Input (V)	Output (V)	Output Current (mA)	Load Regulation % (10% to 100% load)	Manf. Part No. & anglia Order Code
	1 2	1 2		
5	5 5	100 100	15	MMD050505S
5	5 9	100 56	10	MMD050509S
5	5 12	100 42	10	MMD050512S
5	5 15	100 34	10	MMD050515S
12	5 5	100 100	15	MMD120505S
12	5 9	100 56	10	MMD120509S
12	5 12	100 42	10	MMD120512S
12	5 15	100 34	10	MMD120515S

MAGNETIX type MMV

1W, Single/Dual Outputs, 3kV Isolation



- ◆ 7 pin SIL package
- ◆ Single or dual outputs
- ◆ 3kV isolation
- ◆ UL94V-0
- ◆ High efficiency
- ◆ Competitively priced

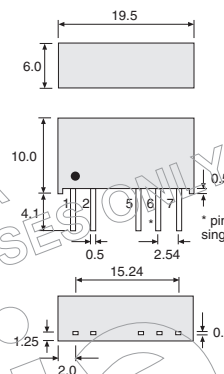
Specification

Input voltage range ±10%
 Line regulation 1.2% per 1% V_{IN}
 Switching frequency 100kHz (typ.)
 Operating temperature range 0°C to +70°C

Single Output

Nominal Input (V)	Output (V)	Output Current (mA)	Load Regulation % (10% to 100% load)	Manf. Part No. & Anglia Order Code
5	5	200	15	MMV0505SA
5	12	84	10	MMV0512SA
5	15	67	10	MMV0515SA
12	5	200	15	MMV1205SA
12	12	84	10	MMV1212SA
12	15	67	10	MMV1215SA

Dimensions (mm)



Pin	Function	
	Single	Dual
1	V _{IN}	V _{IN}
2	GND	GND
5	-V _O	-V _O
6	NO PIN	0V
7	+V _O	+V _O

Dual Output

Nominal Input (V)	Output (V)	Output Current (mA)	Load Regulation % (10% to 100% load)	Manf. Part No. & Anglia Order Code
5	5	±100	15	MMV0505S
5	12	±42	10	MMV0512S
5	15	±33	10	MMV0515S
12	5	±100	15	MMV1205S
12	12	±42	10	MMV1212S
12	15	±33	10	MMV1215S

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