

# Line-Matching Transformers - MTLM Series



MTLM 2001



MTLM 1200



MTLM 2010

## Features

- Industry standards
- Low profile packages
- Meet, EN 60950
- Operating temperature range -25°C to +70°C
- Storage temperature range -40°C to +85°C

## Electrical Data

### ENCAPSULATED TRANSFORMERS

V. series	ID Code	Impedance prim/sec $\Omega$	Insertion loss, max dB	Frequency response $\pm$ dB	Return loss, min dB	Distortion max %	Balance min dB	Power max dB	Vd kVrms	Rdc prim/sec $\Omega$	Ls max mH	Lp min H
V.22bis	MTLM1200	600 / 600	1.5	0.4	24	0.1	80	10	4	56 / 56	19	2.8 / 1.6
V.22bis	MTLM1201	600 / 600CT	1.5	0.4	24	0.1	80	10	4	56 / 56	17	2.8 / 1.6
V.22bis	MTLM1200E	600 / 600	1.5	0.4	24	0.1	80	10	4	66 / 66	17	2.8 / 1.6
V.22bis	MTLM1201E	600 / 600CT	1.5	0.4	24	0.1	80	10	4	66 / 66	17	2.8 / 1.6
V.22bis	MTLM1200C	600 / 600	1.5	0.4	24	0.1	80	10	4	62 / 62	16	2.8 / 1.6
V.22bis	MTLM1201B	600 / 600CT	1.5	0.4	24	0.1	80	10	4	62 / 62	16	2.8 / 1.6
V.22bis	MTLM3027M	600 / 600	1.0	0.25	24	0.3	70	5	4	34 / 34	7	1.7 / 1.7
V.22bis	MTLM6259	600 / 600	2.0	1	14	0.3	70	20	8	64 / 64	40	0.8 / 0.8

### SMD NON-ENCAPSULATED TRANSFORMERS

V.22bis	MTLM3027S*	600 / 600	1	0.25	24	0.3	70	5	4	34 / 34	7	1.7 / 4.5
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\*These transformers do not meet EN41003

### FAST DATA-RATE TRANSFORMERS

V.32bis	MTLM2010	600 / 600	1	0.25	20	0.1	80	10	4	25 / 25	7	2 min.
V.34	MTLM2001	600 / 600	1.5	0.5	24	0.1	80	20	4	56 / 56	19	4 / 3

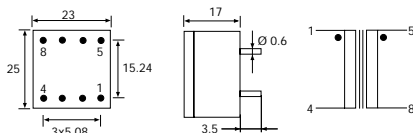
### DC CURRENT TRANSFORMERS

MTLM4498	600 / 2x150	1	-2.5	14	-	45	-	3	91 / 2x8	8	0.45 min.
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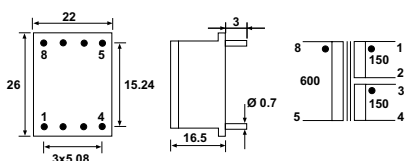
MTLM4763: Idc = 60 mA with turns ratio 2/1: 1

## Dimensions and Connections

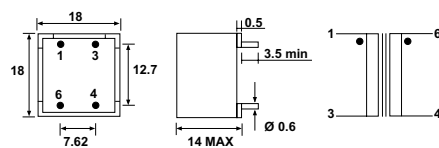
### MTLM 6259



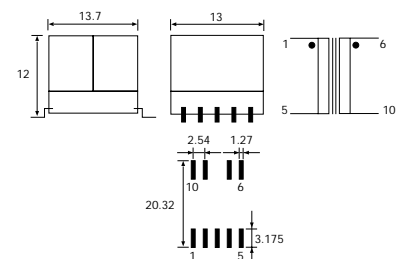
### MTLM 4763



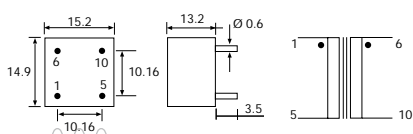
### MTLM 1200 / 1200 E / 1200 C / 2001 / 2010



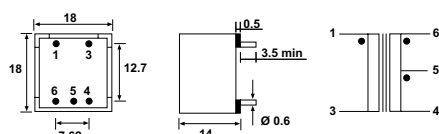
### MTLM 3027S



### MTLM 3027M



### MTLM 1201 / 1201E / 1201B



## Applications

- Modems, Fax, PABX
- EFTPOS terminals
- Multi-media cards
- Alarm communicators
- Instrumentation