

MT-33200 SERIES

6 Pin RF / Pulse Transformers

MINNTRONIX

Wind Up the Best

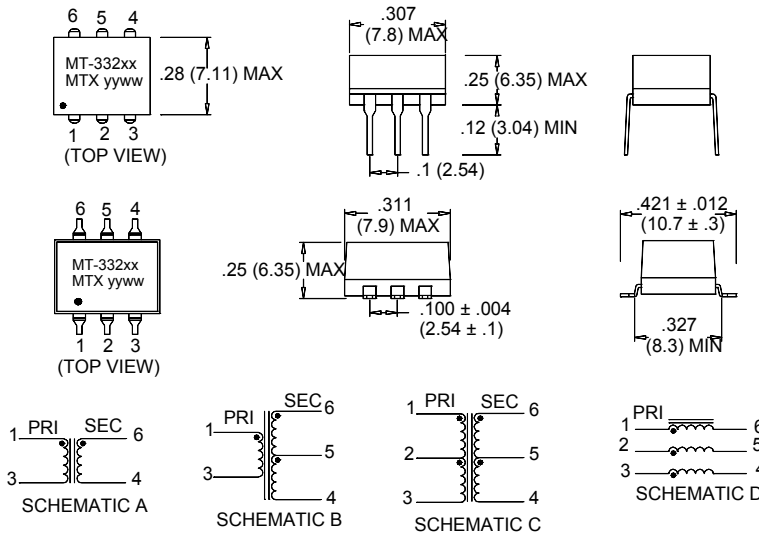


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- Designed for use in 50Ω wideband RF and fast rise time pulse applications
- Low leakage inductance, winding capacitance and D.C. Resistance
- Temperature range: Operating : 0° C to +70° C
Storage -25°C to +150°C
- High Potential Test.....200Vrms
- Insulation Resistance.....10,000Mohms
- Add S to part number for SMD, ex. (MT-33201S)

Mechanical Dimensions:



UNIT: Inch (mm)

Electrical Specification at 25°C

Part Number	Turns Ratio (±5%)	Schematic Figure	Primary Inductance		Rise Time μ s max	Leakage Inductance μ Hy max	Cw/w pF max	DCR ohms Max 20°C		Bandwidth for -3dB Loss		Primary ET-Constant V- μ s min
			μ Hy Min.	Pulse Width μ s for 50% Drop				N1	N2	Low Freq. MHz	High Freq. MHz	
MT - 33201	1:1	A	80	2.20	2.20	0.15	12	0.20	0.20	0.05	110	2.5
MT - 33202	1ct:1ct	C	80	2.20	3.00	0.18	15	0.20	0.20	0.05	90	2.5
MT - 33203	1:1ct	B	80	2.20	3.00	0.18	15	0.20	0.20	0.05	90	2.5
MT - 33204	1:1:1	D	40	1.10	2.00	0.10	12	0.16	0.16	0.10	150	2.0
MT - 33205	1:2	A	40	1.10	3.00	0.14	15	0.20	0.30	0.10	110	2.0
MT - 33206	1:2ct	B	40	1.10	3.00	0.14	15	0.20	0.30	0.10	110	2.0
MT - 33207	1:1.414	A	80	2.20	4.00	0.30	18	0.20	0.30	0.05	50	2.5
MT - 33208	1:1.414ct	B	80	2.20	3.00	0.20	18	0.20	0.30	0.05	80	2.5
MT - 33209	1:4	A	20	0.55	6.00	0.10	10	0.20	0.60	0.20	60	1.25
MT - 33210	1:4ct	B	20	0.55	6.00	0.10	10	0.20	0.60	0.20	60	1.25
MT - 33211	1ct:1ct	C	20	2.20	3.00	0.20	15	0.30	0.30	0.05	90	2.5
MT - 33212	2ct:1ct	C	100	1.10	3.50	0.30	18	0.40	0.40	0.10	110	2.5