

104 SERIES 16 PIN DIP PULSE TRANSFORMERS

Features

- Pick and Place compatible
- Low Profile
- Economical Package – 4 Transformers per Package
- Low Leakage Inductance and Interwinding Capacitance for Fast Rise Time
- Tinned Leads with Leaded Solder is Available (note 1)



Rating Range per Package

- Average Power Rating (40°C Rise) : 250 mW
- Dissipation Rating : 75 mW
- Peak Pulse Voltage : 50 Volts
- High Dielectric withstanding Voltage : 200 Vrms
- Insulation Resistance : 10,000 MegΩ

ELECTRICAL SPECIFICATIONS AT 25°C

Part Number	Turns Ratio (+/-5%)	Primary Inductance (uH +/-20%)	ET Product VµSec (Min)	Leakage Inductance (MAX) µH	Interwinding Capacitance (MAX) pF	DCR (MAX) Ohm	
						PRI	SEC
PT10410	1:1	500	4.3	0.60	25	0.70	0.70
PT10411	1:1	200	3.0	0.45	15	0.45	0.45
PT10412	1:1	100	2.1	0.35	10	0.30	0.30
PT10413	1:1	50	2.5	0.40	9	0.32	0.32
PT10414	1:1	20	1.5	0.35	6	0.30	0.30
PT10415	2:1	500	4.3	1.00	13	0.70	0.35
PT10416	2:1	200	3.0	0.80	10	0.45	0.23
PT10417	2:1	100	2.1	0.60	7	0.30	0.15
PT10418	2:1	50	2.5	0.70	6	0.35	0.18
PT10419	2:1	20	1.5	0.60	5	0.30	0.15

Notes:

1. For non-RoHS parts replace DR prefix with 42- (e.g. PT10410 becomes 42-10410)
2. Terminal finish is compliant to RoHS requirements

