



## 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

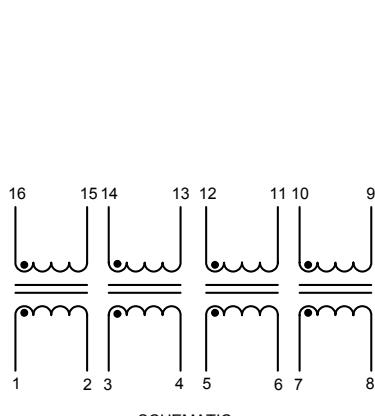
- |  |               |
|--|---------------|
| ● Average Power Rating (40°C Rise)     | : 250 mW      |
| ● Dissipation Rating                   | : 75 mW       |
| ● Peak Pulse Voltage                   | : 50 Volts    |
| ● High Dielectric withstanding Voltage | : 200 Vrms    |
| ● Insulation Resistance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

### ELECTRICAL SPECIFICATIONS AT 25°C

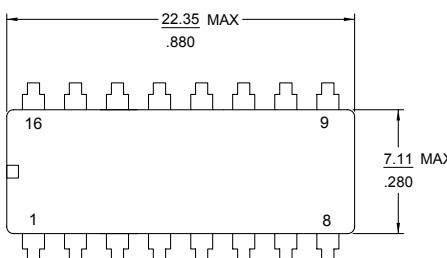
Part Number	Turns Ratio (+/-5%)	Primary Inductance (uH +/-20%)	ET Product VµSec (Min)	Leakage Inductance (MAX) µH	Interwinding Capacitance (MAX) pF	DCR (MAX) Ohm	
						PRI	SEC
PT10410	1:1	500	4.3	0.60	25	0.70	0.70
PT10411	1:1	200	3.0	0.45	15	0.45	0.45
PT10412	1:1	100	2.1	0.35	10	0.30	0.30
PT10413	1:1	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:

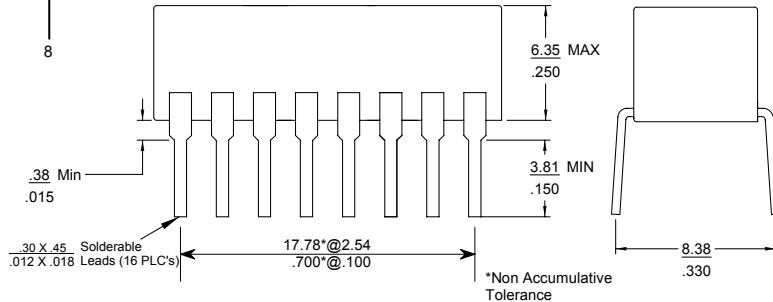
1. For non-RoHS parts replace DR prefix with 42- (e.g. PT10410 becomes 42-10410)
2. Terminal finish is compliant to RoHS requirements



SCHEMATIC



MILLIMETERS XX ±0.25  
INCHES XXX ±0.015



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All specifications are subject to change without notice.