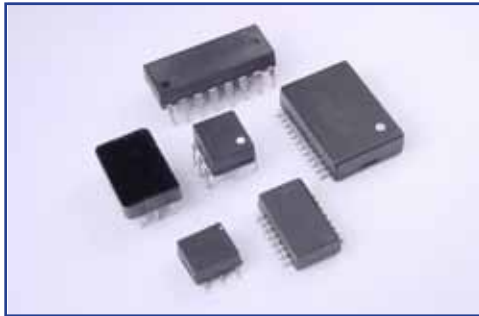


# PULSE TRANSFORMER



## R12703 SERIES

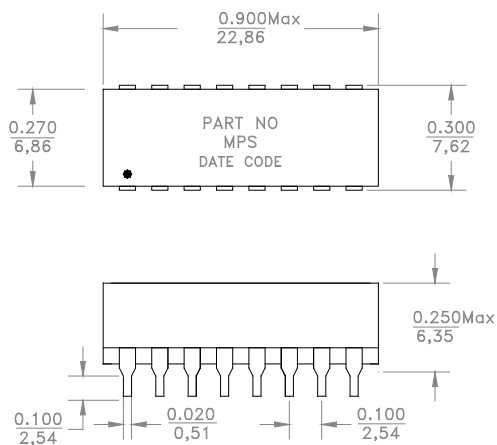


- RoHS Compliant Product
- Hipot : 500V<sub>RMS</sub> Primary to Secondary
- Turns Ratio : 1 : 1 ±2%
- Rise Time: 3.5 nS Max
- OCL, L<sub>L</sub>, C<sub>ww</sub> are measured @ 100KHz, 100mV
- Operating Temp : -40°C to +85°C

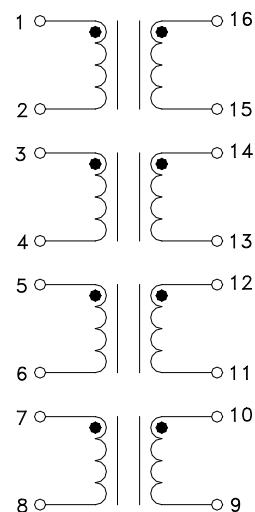
### ELECTRICAL SPECIFICATION @ 25°C

PART NO.	OCL	L <sub>L</sub>	C <sub>ww</sub>	DCR	ET
R12703-	μH ±20%	μH Max	pF Max	Ω Max	V-μS Min
200	20	0.20	6	0.20	1.50
350	35	0.20	8	0.25	1.50
500	50	0.35	9	0.30	2.10
750	75	0.35	10	0.30	2.10
101	100	0.40	10	0.30	2.50
151	150	0.40	12	0.30	2.50
201	200	0.45	15	0.30	3.00
501	500	0.50	25	0.30	3.50

### MECHANICAL



### SCHEMATIC



#### Dimensions

Unless otherwise specified, all tolerances are:  
 inch: .XX : ±0.015 .XXX : ±0.004  
 mm: X,X : ±0,38 X,XX : ±0,10

Product performance is limited to specified parameters.  
 Data is subject to change without prior notice.