

Stand-Off Type Pulse Transformers

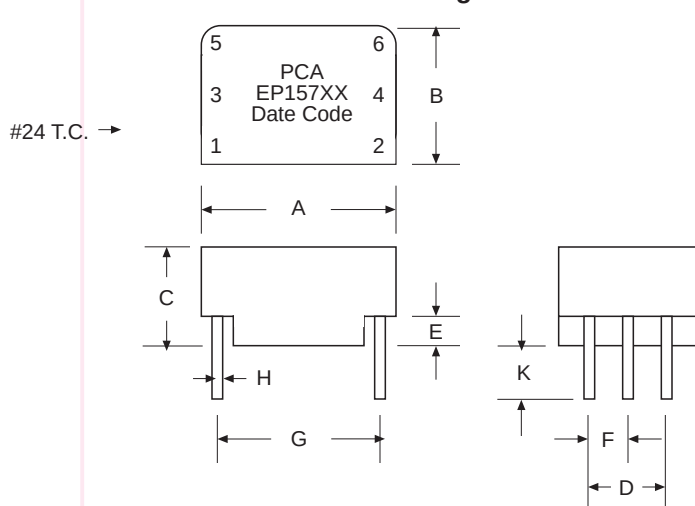
EP157XX

- 500 mW Pulse Transformer •
- Operating Temperature : 0°C to 70°C •
- Hipot : 500 Vdc • IR : 10 K Meg Min. @ 500 Vdc •

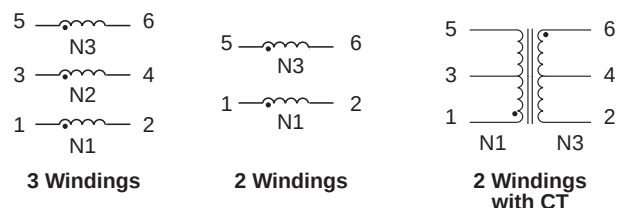
Electrical Parameters @ 25°C

PCA Part Number	OCL Sine Wave (mH Min.)	Primary ET-Constant (V-μSec. Min.)	Interwinding Capacitance (pF Max.)	Leakage Inductance (μH Max.)	Rise Time (nS Max.)	Turns Ratio (± 5%)	DCR (Ω Max.)		
							Pri.	Sec.	Tert.
EP15760	5000	25.0	60	1.3	10.5	1:1:1	3.9	3.9	3.9
EP15761	2000	16.0	37	0.8	8.2	1:1:1	2.5	2.5	2.5
EP15762	500	8.5	32	0.4	5.3	1:1:1	1.3	1.3	1.3
EP15763	200	5.0	18	0.3	4.2	1:1:1	0.9	0.9	0.9
EP15764	50	5.2	18	0.5	5.6	1:1:1	1.3	1.3	1.3
EP15765	20	3.2	21	0.4	4.1	1:1:1	0.9	0.9	0.9
EP15766	10	3.7	22	.05	5.1	1:1:1	0.9	0.9	0.9
EP15767	5000	25.0	33	3.6	16.0	2:1:1	3.9	2.0	2.0
EP15768	2000	16.0	19	1.8	11.0	2:1:1	2.5	1.4	1.4
EP15769	500	8.5	11	1.1	5.6	2:1:1	1.3	0.7	0.7
EP15770	200	5.0	8	0.8	3.2	2:1:1	0.9	0.5	0.5
EP15772	20	5.8	12	1.5	7.5	2:1:1	1.3	0.8	0.8
EP15777	200	5.0	7	1.1	3.6	3:1:1	0.9	0.4	0.4
EP15779	20	3.2	6	1.3	2.7	3:1:1	0.9	0.4	0.4
EP15782	2000	16.0	20	2.5	13.0	4:2:1	2.5	1.4	0.8
EP15783	500	8.5	13	0.9	4.7	4:2:1	1.4	1.8	0.5
EP15784	200	5.0	8	0.8	3.7	4:2:1	0.9	0.9	0.4

Package



Schematic



Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.480	.500	.490	12.19	12.70	12.45
B	.340	.360	.350	8.64	9.14	8.89
C	.230	.250	.240	5.84	6.35	6.10
D	.195	.205	.200	4.95	5.21	5.08
E	.075	.085	.080	1.90	2.16	2.03
F	.095	.105	.100	2.41	2.68	2.54
G	.395	.405	.400	10.03	10.29	10.16
H	.018	.022	.020	.457	.560	.508
K	.500	---	---	12.70	---	---