

# FLYBACK TRANSFORMER



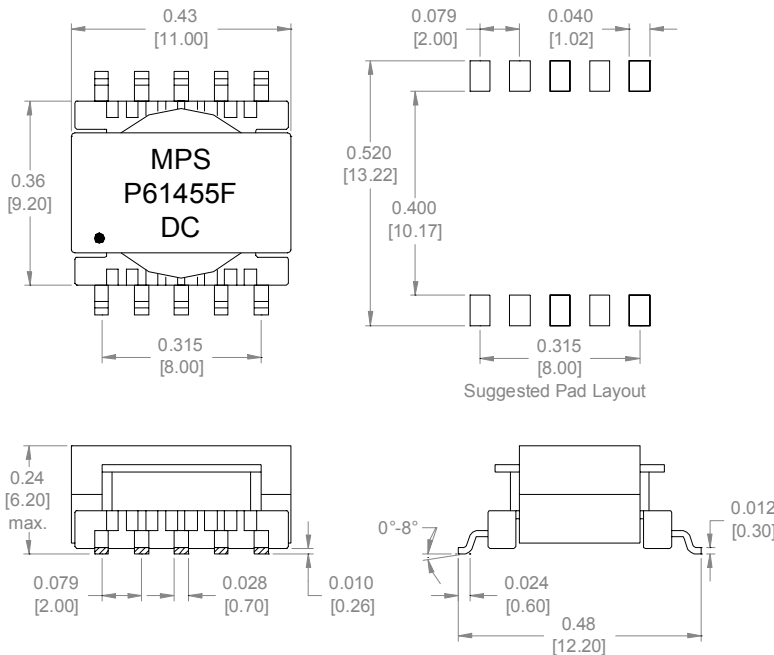
- RoHS compliant
- For DC-DC switch-mode flyback topology
- Switching frequency to 600KHz
- 10 Watts power handling capability
- ER11/5 platform
- Minimum interwinding breakdown voltage of 1500Vrms

## ELECTRICAL SPECIFICATION @ 25°C

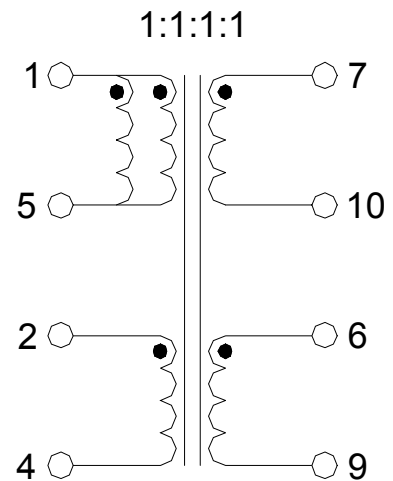
Part Number	OCL ( $\mu\text{H} \pm 5\%$ )	Leakage Inductance ( $\mu\text{H typ.}$ )	DCR ( $\Omega \text{ typ.}$ )				Ratio ( $\pm 2\%$ )	Hi-Pot (mA max.)
			1-5	7-10	6-9	2-4		
	@100KHz 0.1Vrms	@100KHz 0.1Vrms	1-5	7-10	6-9	2-4	@10KHz 1Vrms	@ 1500Vrms 2 sec.
P61455F	4.0	0.13	.013	.030	.026	.044	1:1:1:1	0.5

• Other turns ratios can be developed on request. Please contact MPS Engineering Team for further information.

### Mechanical



### Schematic



### Dimensions

Unless otherwise specified, all tolerances are:  
 .XX  $\pm$  0.010" & .XXX  $\pm$  0.003"  
 Inches  
 [mm]

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

P61455F-B  
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