







PL1496A

-  Pick and place compatible
-  Isolation voltage: 1500 V_{RMS}
-  Extended temperature range: -55°C to +130°C
-  Storage Temperature: -55°C to +150°C
-  Lead finish: Sn63/Pb37
-  Tape and Reel packaging available (see 'Notes')

Electrical Specifications @ 25°C - Operating Temperature -55°C to +130°C

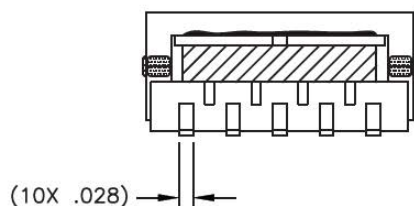
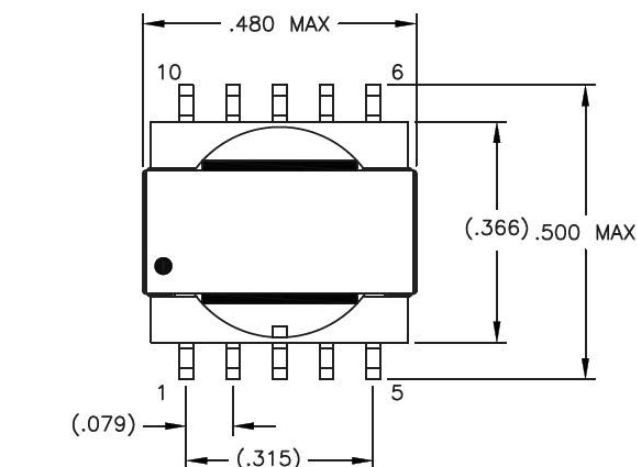
Part Number ¹	Turns Ratio (Pri:Sec ±2%)	OCL Pri (uH ±15%)	OCL Sec (mH ±15%)	DCR Pri (mΩ MAX)	DCR Sec (Ω MAX)	Primary Pins	Secondary Pins
PL1496A	22.5:1	3.85	1.95	22	6.6	1-5	6-10

Notes: 1. Optional Tape & Reel packaging can be ordered by adding a "T" suffix to part number (i.e. PL1496A becomes PL1496AT)

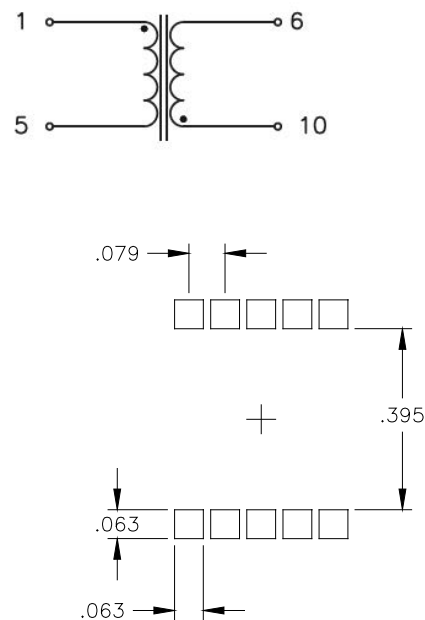
Mechanicals

Schematic

PL1496A



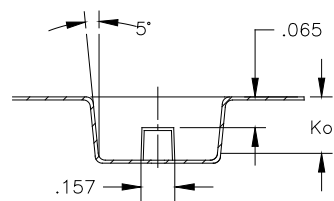
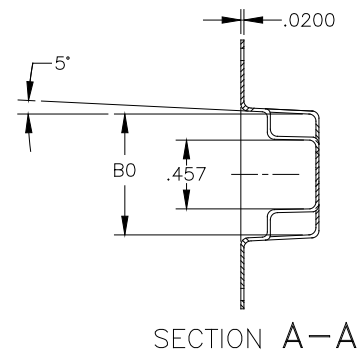
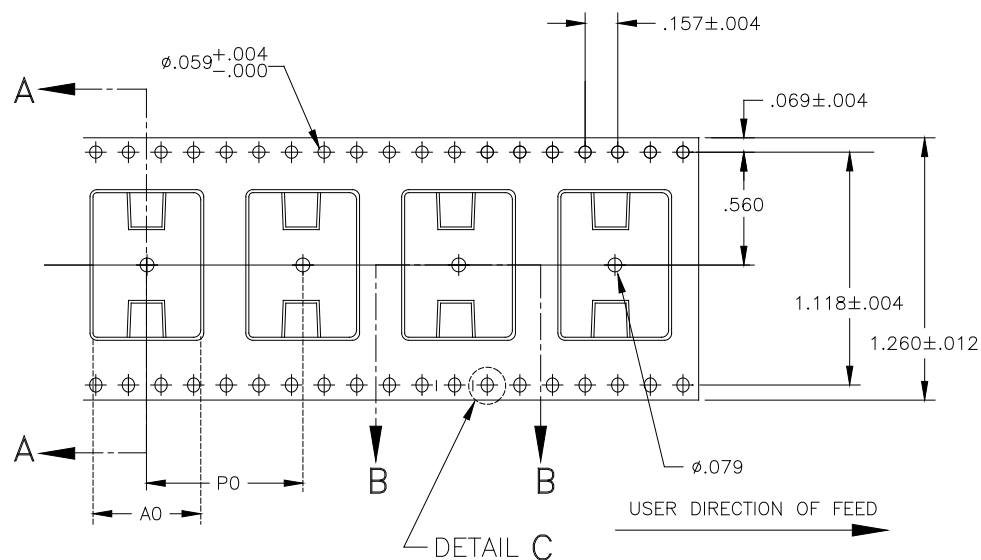
FINAL OUTLINE



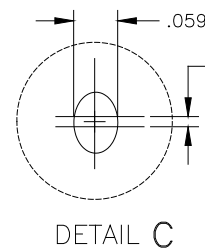
SUGGESTED FOOTPRINT

Tape & Reel Packaging Layout

PL1496A



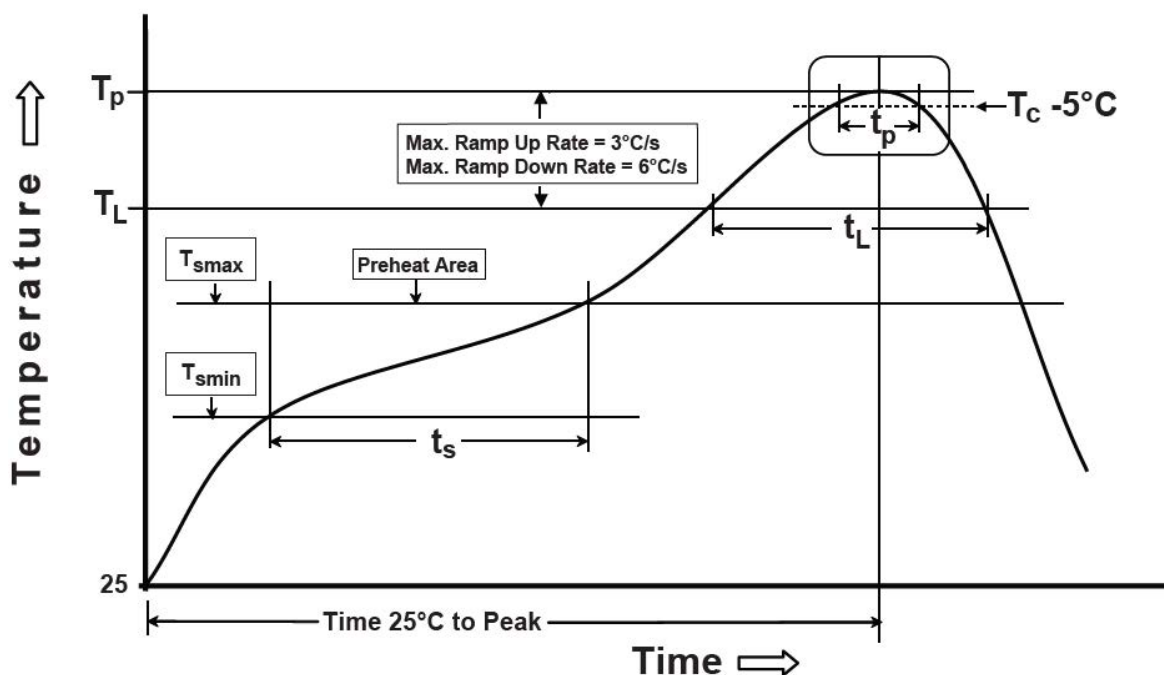
DIMENSION CHART				
	A ₀	B ₀	K ₀	P ₀
	.490	.740	.242	.787
TOLERANCE	.004	.004	.004	.004
	500			



SECTION B-B

Weight TBD grams
Tape & Reel 500 / reel
Tube 100 / tube

Tin/Lead Recommended Reflow Profile (Based on J-STD-020D)



T_{SMIN} (°C)	T_{SMAX} (°C)	T_L (°C)	T_P (°C MAX)	t_s (s)	t_L (s)	t_p (s MAX)	Ramp-up rate (T_L to T_P)	Ramp-down rate (T_P to T_L)	Time 25°C to peak temperature (s MAX)
100	150	183	235	60-120	60-150	20	3°C/s MAX	6°C/s MAX	360

Notes:

1. All temperatures measured on the package leads.
2. Maximum times of reflow cycle: 2.

For More Information

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