

TYPE 55P

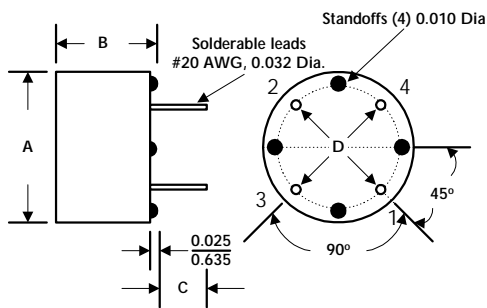
ENERGY STORAGE POWER INDUCTORS

FEATURES

- Designed for use in the input or output sections of switching power supplies.
- Epoxy encapsulated construction offers excellent inductance stability over a broad operating temperature range.
- Materials meet flammability requirement of UL94V-0.
- Manufactured to UL recognized 130 insulation system. UL file# 107307.

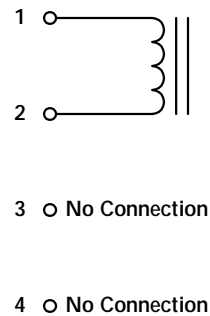
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DRAWING



Drawing NOT to Scale

SCHEMATIC



ELECTRICAL CHARACTERISTICS @ +25°C						DIMENSIONS Inches/mm. ±0.005/0.127			
Part Number	Rated Current	Inductance at Rated Current*	Inductance without Load*	DCR	Energy Storage I ² L/2	A	B	C	D
	Amp TYP	mH MIN	mH MIN	Ohm MAX	mJ MIN	MAX	MAX	MAX	±0.010
55P5500	0.60	0.42	0.50	0.35	76	0.745 18.92	0.400 10.16	0.250 6.35	0.625 15.88
55P5501	0.35	0.90	1.00	0.75	55				
55P5502	0.25	1.70	2.00	1.30	53				
55P5503	1.75	0.35	0.50	0.35	536	1.140 28.96	0.660 16.76	0.250 6.35	1.000 25.40
55P5504	1.00	0.75	1.00	0.70	375				
55P5505	0.65	1.60	2.00	1.50	338				
55P5506	2.75	0.35	0.50	0.25	132	1.416 35.97	0.850 21.59	0.250 6.35	1.250 31.75
55P5507	2.00	0.70	1.00	0.55	1400				
55P5508	1.50	1.40	2.00	0.75	1575				

Note: *Test Frequency at 10KHz.