

TYPE 55P

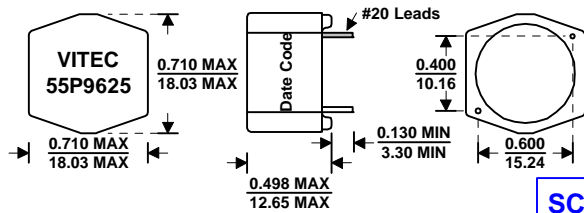
LOW POWER INDUCTORS

FEATURES

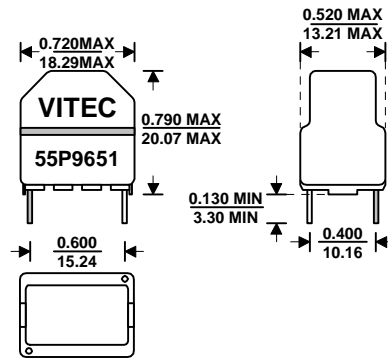
- Designed for general purpose use, Switch Mode Power Converters, and Ripple Filters.
- High inductance stability with varying volt-seconds and load currents.
- RoHS compliant version available
- Low profile or vertical styles.
- Rated for 40°C temperature rise.
- Materials meet flammability requirement of UL94V-0.
- Manufactured to UL recognized 130 insulation system. UL file# E107307.



LOW PROFILE STYLE



VERTICAL STYLE



SCHEMATIC



Dimensions Inches/mm +/- 0.01" Unless noted

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ELECTRICAL CHARACTERISTICS @ +25°C

Part Number				Inductance at Rated Current	Rated Current	ET Rating	Inductance without Load	DCR	Energy Storage
Low Profile		Vertical		uH	Amp	V-mS	uH	Ohm	mJ
Classic	RoHS	Classic	RoHS	TYP	TYP	MAX	MAX	MAX	MIN
55P9625	55PR9625	55P9645	55PR9645	150	1.70	80	175	0.36	215
55P9626	55PR9626	55P9646	55PR9646	220	1.50	90	255	0.38	240
55P9627	55PR9627	55P9647	55PR9647	330	1.00	100	380	0.74	165
55P9628	55PR9628	55P9648	55PR9648	470	0.90	120	540	1.10	190
55P9629	55PR9629	55P9649	55PR9649	680	0.85	175	790	1.25	245
55P9630	55PR9630	55P9650	55PR9650	820	0.75	175	950	2.30	230
55P9631	55PR9631	55P9651	55PR9651	1000	0.50	175	1150	2.40	125

Add an "R" to the part number after "P" for the RoHS compliant version (i.e. 55PR9625 is the RoHS compliant version of 55P9625).