

SMT1-XXXX

SMT wideband transformer

- Compact design
- Frequency range, 25 kHz – 1 GHz
- Bandpass greater than one frequency decade
- Temperature range, -40 °C to 125 °C
- Resistance to soldering temperature 230 °C, 8 seconds
- Maximum power loss @ 40 °C, 100mW
- Packaging, 12mm blisterpack

Dash #	“Z” (O)	Turns ratio	“-3db” Freq. (MHz)	“+3db” Freq. (MHz)	“L” (1 - 4) (nH)	“L” (2 - 3) (nH)	Insertion Loss (db)	Figure
-0001	50:500	1 : 3.15	700 kHz	28	6.50 uH	55 uH	1.5	A
-0002	50:50	1 : 1	40	580	80	80	3.1	A
-0003	50:140	1 : 1.66	200 kHz	5	32.7 uH	79 uH	1.6	B
-0004	50:50	1 : 1	100 kHz	5	54.0 uH	48 uH	1.5	B
-0005	50:2.2	4.7 : 1	1	20	5.10 uH	255	2.0	B
-0006	50:1.25	6.33 : 1	4	60	900	34	4.3	B
-0007	50:2000	1 : 6.33	100	340	36	980	2.7	B
-0008	50:50	1 : 1	4	160	980	925	1.5	B
-0009	50:6.8	2.71 : 1	4	75	900	150	3.2	B
-0010	50:370	1 : 2.71	30	400	150	900	1.6	B
-0011	50:1100	1 : 4.7	15	65	240	4.7 uH	1.1	B
-0012	50:800	1 : 4	20	150	230	3.3 uH	1.5	A
-0013	50:5.6	3 : 1	4	60	1.10 uH	140	2.5	A
-0014	50:450	1 : 3	30	380	140	1.1 uH	0.9	A
-0015	50:50	1 : 1	15	450	220	220	1.4	A

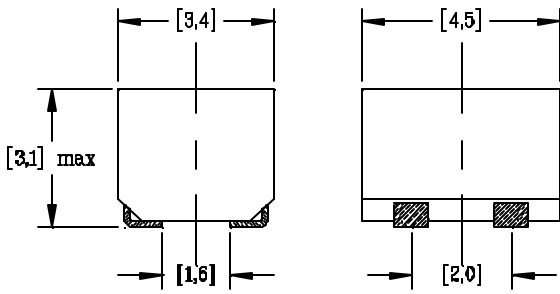


Figure A

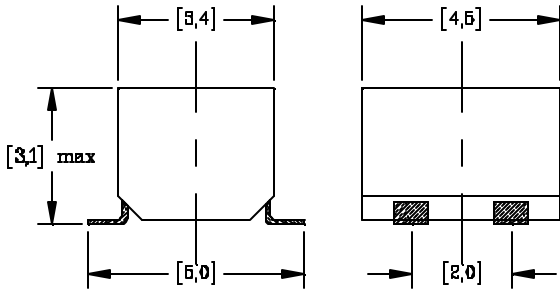


Figure B

