



## SMD INDUCTOR DR354-2 SERIES

### Features

- SMD Chip Inductor, Low Profile
- Suitable for High Frequency Application
- Inductance Range from 2.2nH to 820nH
- Operating Temp. -40°C to +125°C
- Tinned Leads with Leaded Solder is Available (note 6)

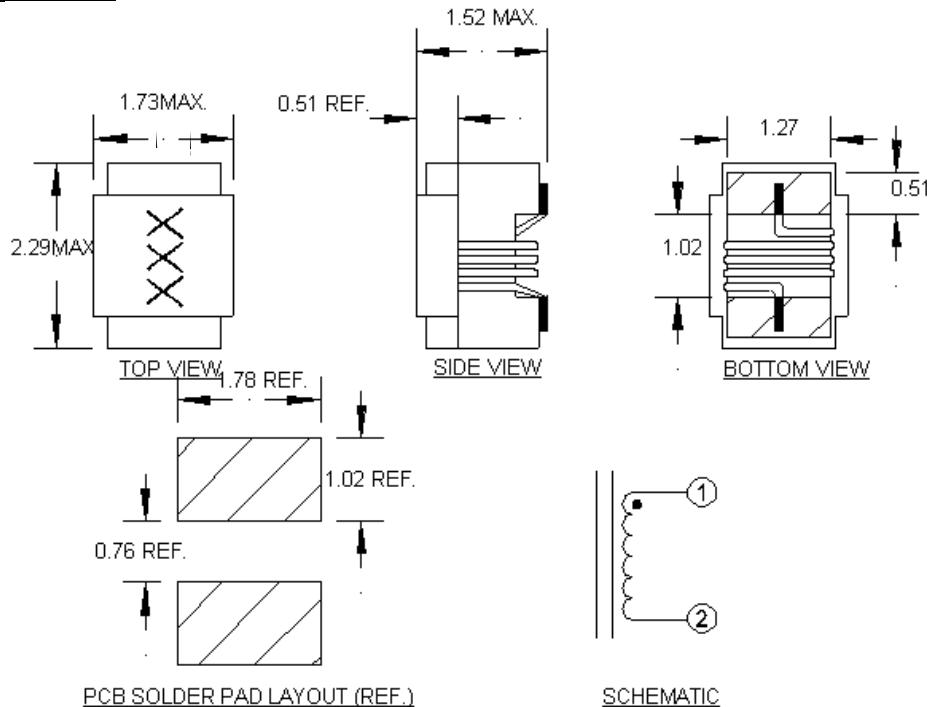
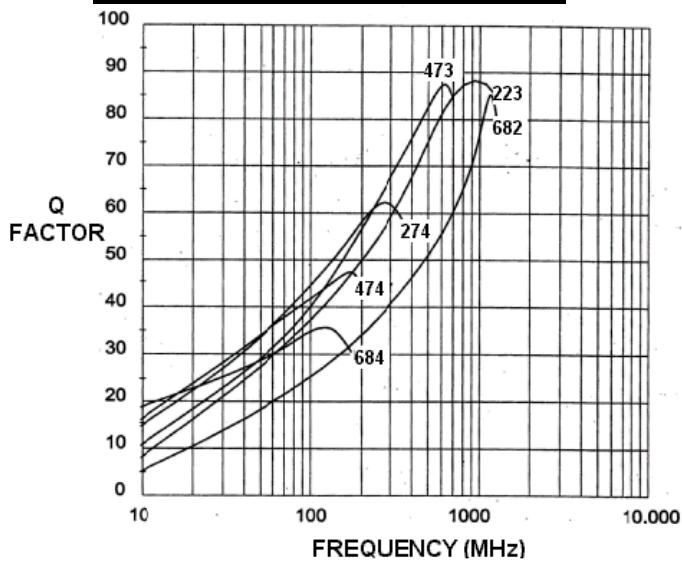
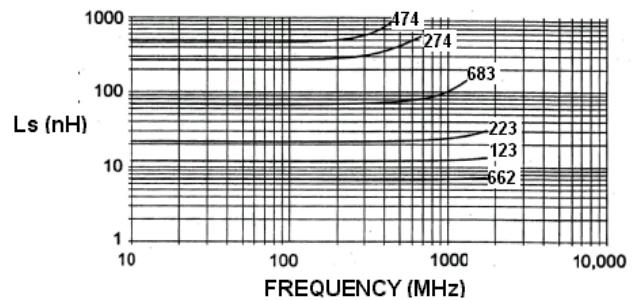


### ELECTRICAL SPECIFICATIONS AT 25°C

PART NO.	PERCENT TOLERANCE, T	INDUCTANCE (nH)	DCR (Ω) MAX.	MAX. RATED CURRENT (A)
DR354-2-222-T	20, 10	2.2	@250MHz	0.08
DR354-2-332-T	20, 10	3.3	@250MHz	0.08
DR354-2-682-T	20, 10, 5	6.8	@250MHz	0.11
DR354-2-872-T	20, 10	8.2	@250MHz	0.12
DR354-2-103-T	20, 10, 5	10	@250MHz	0.14
DR354-2-123-T	10, 5, 2	12	@250MHz	0.15
DR354-2-153-T	20, 10, 5	15	@250MHz	0.17
DR354-2-183-T	10, 5, 2	18	@250MHz	0.20
DR354-2-223-T	10, 5, 2	22	@250MHz	0.22
DR354-2-273-T	10, 5, 2	27	@250MHz	0.25
DR354-2-333-T	10, 5, 2	33	@250MHz	0.27
DR354-2-393-T	10, 5, 2	39	@250MHz	0.29
DR354-2-473-T	10, 5, 2	47	@200MHz	0.31
DR354-2-563-T	10, 5, 2	56	@200MHz	0.34
DR354-2-683-T	10, 5, 2	68	@200MHz	0.38
DR354-2-823-T	10, 5, 2	82	@150MHz	0.42
DR354-2-104-T	10, 5, 2	100	@150MHz	0.46
DR354-2-124-T	10, 5, 2	120	@150MHz	0.51
DR354-2-154-T	10, 5, 2	150	@100MHz	0.56
DR354-2-184-T	20, 10, 5	180	@100MHz	0.64
DR354-2-224-T	20, 10, 5	220	@100MHz	0.70
DR354-2-274-T	20, 10, 5	270	@100MHz	1.10
DR354-2-334-T	20, 10, 5	330	@100MHz	1.40
DR354-2-394-T	20, 10, 5	390	@100MHz	1.50
DR354-2-474-T	20, 10, 5	470	@50MHz	1.76
DR354-2-564-T	20, 10, 5	560	@50MHz	1.90
DR354-2-684-T	20, 10, 5	680	@50MHz	2.20
DR354-2-824-T	20, 10, 5	820	@50MHz	2.35

INDUCTANCE TOLERANCE: WHEN ORDERING, PLEASE SPECIFY THE TOLERANCE.

-T (M=±20%, K=±10%, J=±5%, G=±2%)

**MECHANICAL OUTLINES****Q VS FREQUENCY RESPONSE****L<sub>s</sub> VS FREQUENCY RESPONSE****Notes:**

1. All dimensions are shown in millimeter "mm"
2. General tolerance  $\pm 0.1\text{mm}$ , unless other specified
3. Tape and reel quantity, 3000 pcs/reel
4. Terminal finish is compliant to RoHS requirements and is gold plated
5. Solder in accordance with J-STD-002 Rev. D
6. Non-RoHS series parts 42-354-2-XXX are finished with leaded solder Sn60Pb40 or equivalent