SURFACE-MOUNT POWER INDUCTORS

ASPI-T SERIES : 0804T



STANDARD SPECIFICATIONS:

PART NUMBER	INDUCTANCE µH ±20%	DCR (Ω max.)	I_{SAT} DC(A)	I_{RMS} (A)
ASPI-0804T-1R0M	1.0	0.009	9.0	6.8
ASPI-0804T-1R5M	1.5	0.010	8.0	6.4
ASPI-0804T-2R2M	2.2	0.012	7.0	6.1
ASPI-0804T-3R3M	3.3	0.015	6.4	5.4
ASPI-0804T-4R7M	4.7	0.018	5.4	4.8
ASPI-0804T-6R8M	6.8	0.027	4.6	4.4
ASPI-0804T-100M	10	0.038	3.8	3.9
ASPI-0804T-150M	15	0.046	3.0	3.1
ASPI-0804T-220M	22	0.085	2.6	2.7
ASPI-0804T-330M	33	0.100	2.0	2.1
ASPI-0804T-470M	47	0.140	1.6	1.8
ASPI-0804T-680M	68	0.200	1.4	1.5
ASPI-0804T-101M	100	0.280	1.2	1.3
ASPI-0804T-151M	150	0.40	1.00	1.0
ASPI-0804T-181M	181	0.52	0.90	0.9
ASPI-0804T-221M	220	0.61	0.80	0.8
ASPI-0804T-331M	330	1.02	0.60	0.6
ASPI-0804T-471M	470	1.27	0.50	0.5
ASPI-0804T-681M	680	2.02	0.40	0.4
ASPI-0804T-102M	1000	3.00	0.30	0.3
ASPI-0804T-222M	2200	7.00	0.25	0.25
ASPI-0804T-272M	2700	12.00	0.20	0.2

TECHNICAL INFORMATION:

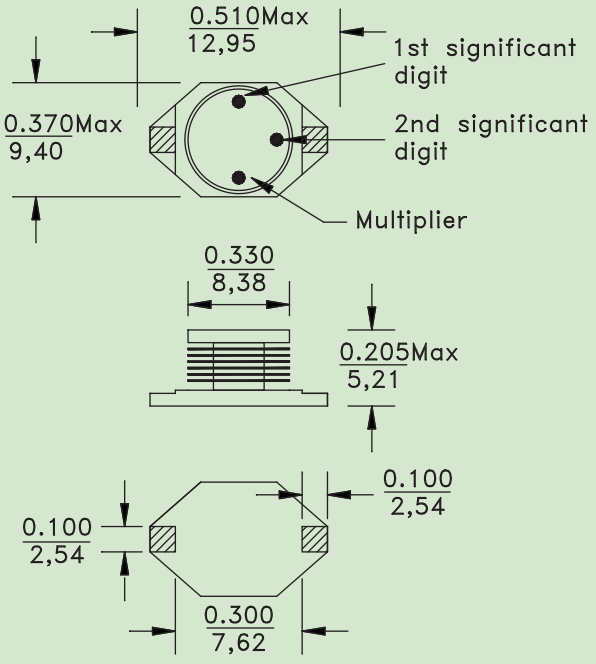
- Testing conditions: 100KHz, 0.1V_{RMS}
- Marking: EIA Color code
- Inductance tolerance: M = ± 20%, K= ± 10% (Optional)
- Inductance drop = 10% typ. at ISAT
- Add -T for tape and reel
- ΔT = 15°C temperature rise max at IRMS
- Operating temperature: -55°C to +125°C

Note: All specifications subject to change without notice.

REMARKS:

- RoHS Compliance effective Date Code 0526
- Label on reel and box

OUTLINE DRAWING:



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