HIGH INDUCTANCE TOROIDAL INDUCTORS

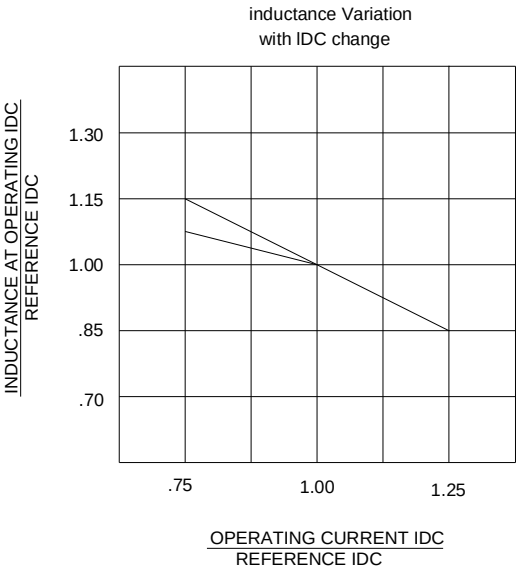
- High frequency, Low loss operation (up to 100KHz)
- Encapsulated construction
- Ambient temperature range –55° to +70°C
- Good inductance stability with temperature

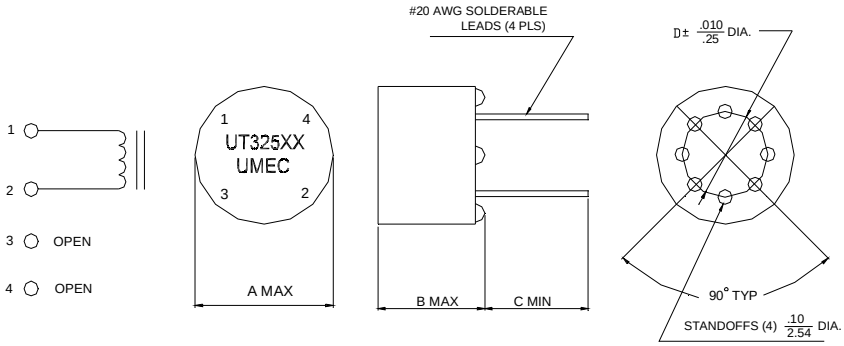
ELECTRICAL CHARACTERISTICS @25°C

Reference Operating Values				Desihn Control Values					
Model Number	Inductance Typical (mH)	I_{DC} (Amps)	Max. ET_{OP} (V-μs)	Inductance No D.C. (mH) $^{+20\%}_{-12\%}$	1000Hz Test Volts No D.C.	DCR (ohms) Max	Size Code	Lead Dia. (inches)±.003	Min. Energy Storage (μ J)(1)
UT32500	0.5	0.60	110	.72	.25	0.35	7	.032	90
UT32501	1.0	0.35	160	1.51	.35	0.75	7	.032	60
UT32502	2.0	0.25	225	2.88	.50	1.30	7	.032	60
UT32503	0.5	1.75	325	.72	.75	0.35	8	.032	765
UT32504	1.0	1.00	500	1.54	1.10	0.70	8	.032	500
UT32505	2.0	0.65	675	2.88	1.50	1.50	8	.032	420
UT32506	0.5	2.75	650	.75	1.50	0.25	9	.032	1890
UT32507	1.0	2.00	900	1.47	2.00	0.55	9	.032	2000
UT32508	2.0	1.50	1200	2.70	2.75	0.75	9	.032	2250

(1) $\frac{LI^2}{2}$ rating is the ability of the inductor to store energy.

Size Code	A DIA.	B	C	D
	Inches / mm	Inches / mm	Inches / mm	Inches / mm
7	.745 / 18.92	.400 / 10.16	.500 / 12.70	.625 / 15.87
8	1.140 / 28.95	.665 / 16.89	.500 / 12.70	1.000 / 25.40
9	1.416 / 35.96	.850 / 21.59	.500 / 12.70	1.250 / 31.75





*Specifications are subject to change without prior notice.

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