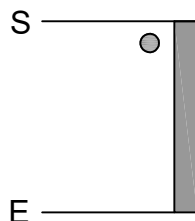


Product Type	Power Inductor			
GT Part Number	L01-1200 ~ 2101	Index		
Customer Part Number	DPO-X.X-XXX			
Customer	SCHUKAT			
Place of Manufacture	GT Electronic India			

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SCHEMATIC:



TECHNICAL DETAILS:

Operating frequency upto 100KHz
Operating temperature = -40° to +125°C

ELECTRICAL & MECHANICAL SPECIFICATION:

GT Part Number	Customer Part Number	Electrical Specifications @25°C					Mechanical Dimensions	
		Rated Current (Idc) Amps	No Load Inductance (Lo in µH) ±15% @10kHz/100mV	Load Inductance in µH (DC Bias @ Rated Current) Typ. @10kHz/250mV	DCR in Ω	Min. Energy Storage (µJ)	Coil Size (OD x Ht) in mm	Self Lead ø in mm
L01-1200	DPO-0.5-100	0.5	109	100	0.140	12.5	14 x 8	0.40
L01-1201	DPO-0.5-150	0.5	167	150	0.173	18.8	15 x 9	0.40
L01-1202	DPO-0.5-220	0.5	258	220	0.215	27.5	15 x 9	0.40
L01-1203	DPO-0.5-330	0.5	393	330	0.265	41.3	15 x 9	0.40
L01-1204	DPO-0.5-470	0.5	557	470	0.322	58.8	20 x 9	0.40
L01-1300	DPO-1.0-33	1.0	37	33	0.052	16.5	14 x 8	0.50
L01-1301	DPO-1.0-47	1.0	53	47	0.063	23.5	14 x 8	0.50
L01-1302	DPO-1.0-68	1.0	80	68	0.077	34	14 x 9	0.50
L01-1303	DPO-1.0-100	1.0	127	100	0.097	50	15 x 9	0.50
L01-1304	DPO-1.0-150	1.0	207	150	0.123	75	15 x 9	0.50
L01-1305	DPO-1.0-220	1.0	345	220	0.196	110	15 x 9	0.45
L01-1306	DPO-1.0-330	1.0	491	330	0.193	165	20 x 9	0.50
L01-1307	DPO-1.0-470	1.0	601	470	0.180	235	27 x 13	0.60
L01-1308	DPO-1.0-1000	1.0	1619	1000	0.426	500	26 x 13	0.50



Product Type	Power Inductor		
GT Part Number	L01-1200 ~ 2101	Index	
Customer Part Number	DPO-X.X-XXX		
Customer	SCHUKAT		
Place of Manufacture	GT Electronic India		

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ELECTRICAL & MECHANICAL SPECIFICATION:

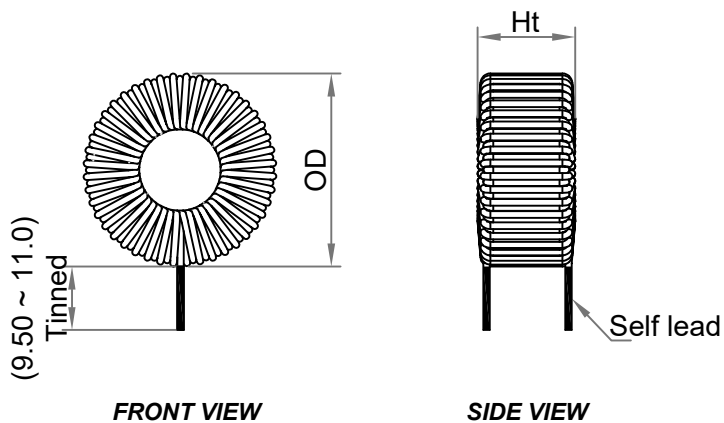
GT Part Number	Customer Part Number	Electrical Specifications @25°C					Mechanical Dimensions	
		Rated Current (Idc) in Amps	No Load Inductance (Lo in µH) ±15% @10kHz/100mV	Load Inductance in µH (DC Bias @ Rated Current) Typ. @10kHz/250mV	DCR in Ω	Min. Energy Storage (µJ)	Coil Size (OD x Ht) in mm	Self Lead ø in mm
L01-1700	DPO-2.0-22	2.0	27	22	0.070	44	14 x 8	0.40
L01-1701	DPO-2.0-47	2.0	73	47	0.090	94	15 x 9	0.45
L01-1702	DPO-2.0-68	2.0	109	68	0.089	136	15 x 9	0.50
L01-1703	DPO-2.0-100	2.0	157	100	0.109	200	19 x 9	0.50
L01-1704	DPO-2.0-150	2.0	207	150	0.106	300	25 x 12	0.60
L01-1705	DPO-2.0-220	2.0	328	220	0.153	440	25 x 11	0.56
L01-1706	DPO-2.0-330	2.0	575	330	0.202	660	26 x 12	0.56
L01-1800	DPO-3.0-22	3.0	34	22	0.050	99	14 x 8	0.50
L01-1801	DPO-3.0-33	3.0	49	33	0.038	149	19 x 8	0.63
L01-1802	DPO-3.0-47	3.0	75	47	0.048	212	20 x 8	0.63
L01-1803	DPO-3.0-68	3.0	92	68	0.060	306	25 x 12	0.63
L01-1804	DPO-3.0-100	3.0	157	100	0.080	458	25 x 12	0.63
L01-1805	DPO-3.0-150	3.0	256	150	0.107	675	25 x 12	0.63
L01-1806	DPO-3.0-220	3.0	346	220	0.134	990	29 x 13	0.63
L01-1807	DPO-3.0-330	3.0	625	330	0.142	1485	30 x 15	0.71
L01-1808	DPO-3.0-470	3.0	727	470	0.187	2115	42 x 14	0.67
L01-1900	DPO-5.0-33	5.0	48	33	0.036	413	25 x 12	0.71
L01-1901	DPO-5.0-47	5.0	82	47	0.043	588	25 x 12	0.75
L01-1902	DPO-5.0-68	5.0	137	68	0.055	850	26 x 12	0.75
L01-1903	DPO-5.0-100	5.0	172	100	0.059	1250	30 x 14	0.80
L01-1904	DPO-5.0-150	5.0	221	150	0.094	1875	41 x 14	0.71
L01-1905	DPO-5.0-220	5.0	381	220	0.097	2750	41 x 14	0.80
L01-2000	DPO-7.5-47	7.5	84	47	0.026	1322	31 x 14	1.00
L01-2001	DPO-7.5-68	7.5	105	68	0.040	1913	42 x 14	0.90
L01-2100	DPO-10-68	10	89	68	0.042	3400	50 x 21	0.90
L01-2101	DPO-10-100	10	152	100	0.044	5000	50 x 21	1.00



Product Type	Power Inductor		
GT Part Number	L01-1200 ~ 2101	Index	
Customer Part Number	DPO-X.X-XXX		
Customer	SCHUKAT		
Place of Manufacture	GT Electronic India		

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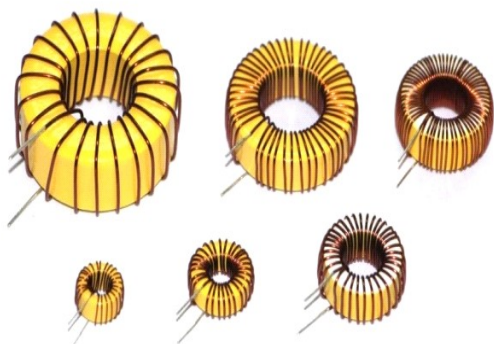
MECHANICAL SPECIFICATIONS:



PACKING LABEL INFORMATION:

L01-XXXX
GT yr/wk
DPO-X.X-XXX

PICTURES FOR SAMPLES:



All dimensions are in mm
Dimensional tolerance $\pm 0.50\text{mm}$

Product Finished with:	☐ Varnished	☐ Vacuum	☐ Baking	☐ Potted	☐ Fully Potted	☐ Vacuum	☐ Baking
	☒ Non-Varnished	☐ Non-Vacuum	☐ Air Dry	☒ Un Potted	☐ Partially Potted	☐ Non-Vacuum	☐ Air Dry

 This product may contain harmful substances, it may require proper disposal subject to statutory & regulatory laws defined by the local governance of its own country/region as applicable at the time of disposal.

Date:	Approval of Customer :
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-----Issued-----	1	0	Veerappan K	27.03.2026
Changes	Issue	Rev	Initial	Date

Product Type	Power Inductor		
GT Part Number	L01-1200 ~ 2101	Index	-
Customer Part Number	DPO-X.X-XXX		
Customer	SCHUKAT		
Place of Manufacture	GT Electronic India		
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Item no.	Item Description	Insulating Material	Material Designation	Manufacturer	UL Number
1	Core Insulation	Epoxy (EP) insulation paint	H04-19A (a) or Equivalent	ZHEJIANG TIANNU GROUP PAINT CO LTD	E309437
2	Round Enamelled Copper Wire	BC-Polyester / OC-Polyamide-imide	Preci-7, MW-35C or Equivalent	PRECISION WIRES INDIA LTD	E174288
		BC-Polyurethane	RRvSHRAMIK SSFC, MW-79C or Equivalent	RAM RATNA WIRES LTD	E238786

	Date:	Approval of Customer :	
-----Initial Issue -----	0	K.Veerappan	27-03-2026
Changes	Rev	Prepared	Date