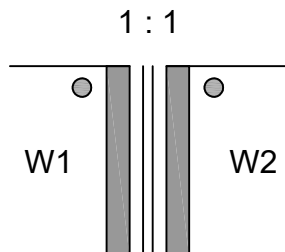


Product Type	Common Mode Choke		
GT Part Number	L01-2700 ~ 2727	Index	
Customer Part Number	42VXX XXXX		
Customer	SCHUKAT		
Place of Manufacture	GT Electronic India		



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SCHEMATIC:



TECHNICAL DETAILS:

Operating temperature = -40° to +125°C

ELECTRICAL SPECIFICATION @25°C:

High Voltage b/n W1 - W2 = 1500Vrms / 50Hz / 2sec

GT Part Number	Customer Part Number	Rated Current (Idc) Amps	Inductance / Wdg (Lo in mH) +50%/-30% @10kHz/0.1mA	DCR in mΩ (Typ.) per Wdg	Schematic	Vertical Mounting Case - Size Code
			W1 = W2	W1 = W2		
L01-2700	42V201000	1.0	6.80	305	A	2
L01-2701	42V202000	2.0	3.90	148	A	2
L01-2702	42V202500	2.5	2.70	97	A	2
L01-2703	42V203000	3.0	1.00	50	A	2
L01-2704	42V250300	0.3	47.00	1400	B	3
L01-2705	42V250500	0.5	27.00	1170	B	3
L01-2706	42V251000	1.0	10.00	370	B	3
L01-2707	42V252000	2.0	2.20	70	B	3
L01-2708	42V253000	3.0	1.20	55	B	3
L01-2709	42V304000	4.0	2.70	45	B	4
L01-2710	42V320500	0.5	100.00	1500	B	5

Product Type	Common Mode Choke			
GT Part Number	L01-2700 ~ 2727	Index		
Customer Part Number	42VXX XXXX			
Customer	SCHUKAT			
Place of Manufacture	GT Electronic India			

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ELECTRICAL SPECIFICATION @25°C:

High Voltage b/n W1 - W2 = 1500Vrms / 50Hz / 2sec

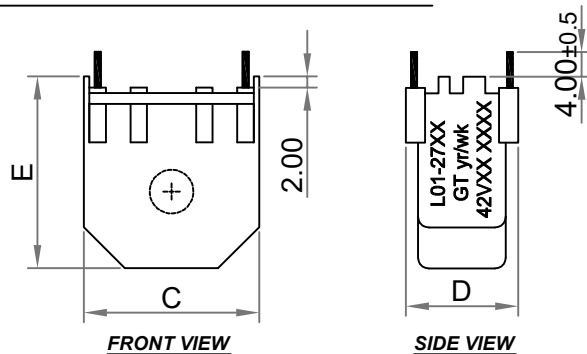
GT Part Number	Customer Part Number	Rated Current (Idc) Amps	Inductance / Wdg (Lo in mH) +50%/-30% @10kHz/0.1mA	DCR in mΩ (Typ.) per Wdg	Schematic	Vertical Mounting Case - Size Code
			W1 = W2	W1 = W2		
L01-2711	42V321000	1.0	47.00	750	B	5
L01-2712	42V321500	1.5	22.00	330	B	5
L01-2713	42V322000	2.0	6.80	139	B	5
L01-2714	42V324000	4.0	3.30	55	B	5
L01-2715	42V326000	6.0	1.80	38	B	5
L01-2716	42V202002S	2.0	1.00	40	B	2
L01-2717	42V201501S	1.5	2.70	90	B	2
L01-2718	42V303500	3.5	2.70	50	B	4
L01-2719	42V201300S	1.3	3.90	170	B	2
L01-2720	42V302000	2.0	5.60	170	B	4
L01-2721	42V201000S	1.0	6.80	305	B	2
L01-2722	42V200700S	0.7	10.00	360	B	2
L01-2723	42V200600S	0.6	18.00	500	B	2
L01-2724	42V200502S	0.5	27.00	900	B	2
L01-2725	42V301000	1.0	27.00	600	B	4
L01-2726	42V321501	1.5	27.00	490	B	5
L01-2727	42V200400	0.4	39.00	2600	A	2

Product Type	Common Mode Choke		
GT Part Number	L01-2700 ~ 2727	Index	
Customer Part Number	42VXX XXXX		
Customer	SCHUKAT		
Place of Manufacture	GT Electronic India		

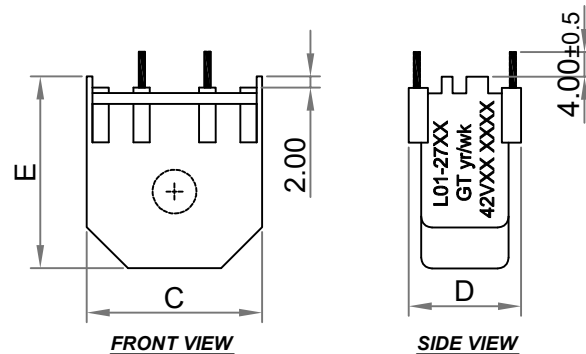


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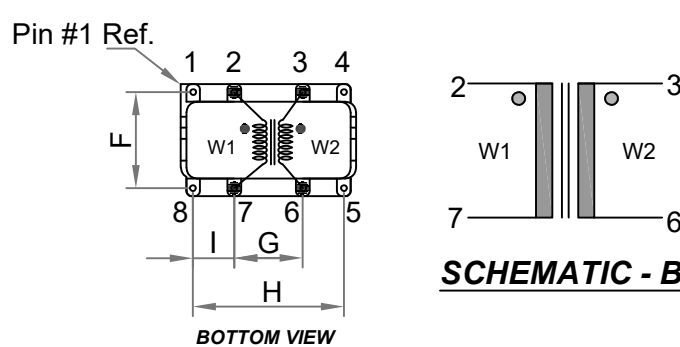
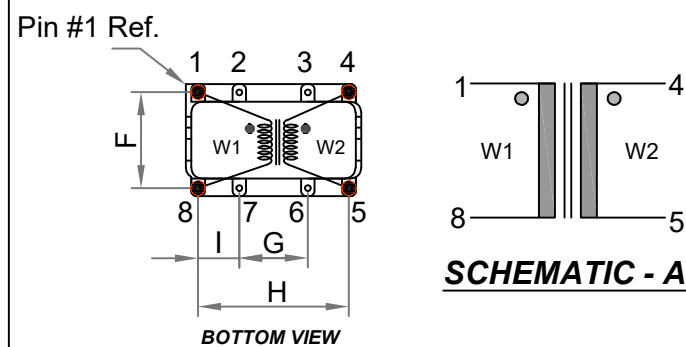
MECHANICAL SPECIFICATIONS:



SCHEMATIC - A



SCHEMATIC - B



Vertical Case Size Code	Dimensional Tolerance: $\pm 0.25\text{mm}$ & Pin-Pitch Tolerance: $\pm 0.20\text{mm}$							
	C	D	E	F	G	H	I	Pin Size x(4no's)
2	17.80	12.80	20.00	10.00	5.00	15.00	5.00	$\phi 0.80$
3	23.00	15.50	25.00	12.50	10.00	20.00	5.00	$\phi 0.80$
4	27.00	18.00	30.00	15.00	12.50	22.50	5.00	$\phi 0.80$
5	32.00	18.00	35.00	15.00	12.50	27.50	7.50	$\phi 0.80$

All dimensions are in mm

Product Finished with:
☐ Varnished
 ☐ Vacuum
 ☐ Baking
 ☒ Potted
 ☐ Fully Potted
 ☐ Vacuum
 ☐ Baking

☒ Non-Varnished
 ☐ Non-Vacuum
 ☐ Air Dry
 ☐ Un Potted
 ☒ Partially Potted(30%)
 ☒ 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 :**

-----Issued-----	1	0	Veerappan K	23.06.2026
Changes	Issue	Rev	Initial	Date

Product Type	Common Mode Choke		
GT Part Number	L01-2700 ~ 2727	Index	-
Customer Part Number	42VXX XXXX		
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 Powder paint	P4/2 Blue (a) (b) or Equivalent	TDK INDIA PVT LTD	E257941
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
3	Separator	Industrial laminates, furnished as sheets. FR-4.0	LS1130 or Equivalent	Hangzhou Liansheng Insulation Co Ltd	E315523
4	Outer Enclosure / Case	Polyamide 66 (PA66), glass reinforced, pellets	Ultramid: A3X2G5 or Equivalent	BASF SE	E41871
		Polyamide 66 (PA66) "Zytel", flame retardant, glass reinforced, furnished as pellets	Zytel FR50 or Equivalent	CELANESE INTERNATIONAL CORP - Florence	E41938
5	Encapsulation / Potting Compound	Polyurethane (PUR)	Tedistac D45003 / Isostac D45003 or Equivalent	DOW FRANCE SAS	E130092

Date:

Approval of Customer :

-----Initial Issue -----	0	K.Veerappan	23-06-2026
Changes	Rev	Prepared	Date

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