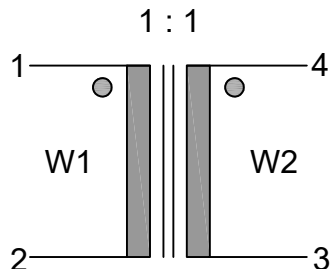




Product Type	Common Mode Choke		
GT Part Number	L01-2400 ~ 2420	Index	
Customer Part Number	42HXX XXXX		
Customer	SCHUKAT		
Place of Manufacture	GT Electronic India		

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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	Horizontal Mounting Case - Size Code
			W1 = W2	W1 = W2	
L01-2400	42H171000	1.0	6.80	305	2
L01-2401	42H172000	2.0	3.90	148	2
L01-2402	42H172500	2.5	2.70	97	2
L01-2403	42H173000	3.0	1.00	50	2
L01-2404	42H173600	3.6	0.40	28	2
L01-2405	42H220300	0.3	47.00	1400	3
L01-2406	42H220500	0.5	27.00	1170	3
L01-2407	42H221000	1.0	10.00	370	3
L01-2408	42H222000	2.0	2.20	70	3
L01-2409	42H223000	3.0	1.20	55	3

Product Type	Common Mode Choke			
GT Part Number	L01-2400 ~ 2420	Index		
Customer Part Number	42HXX 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

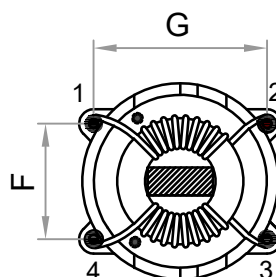
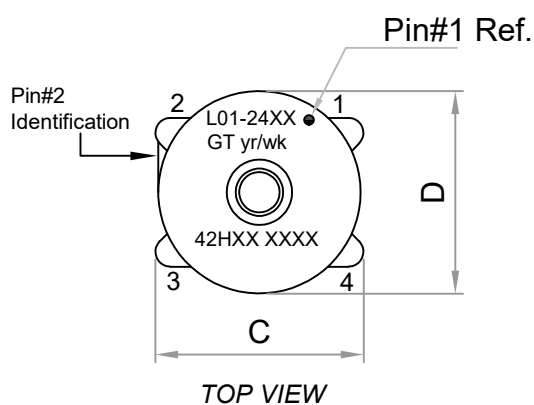
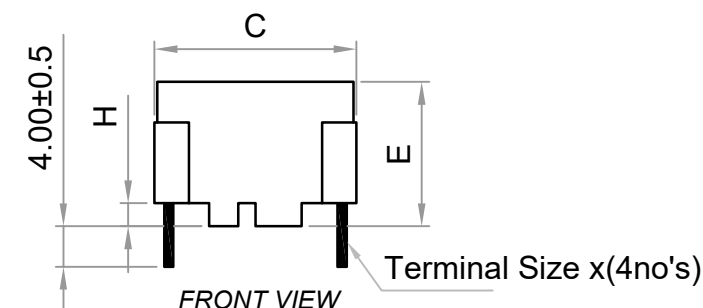
GT Part Number	Customer Part Number	Rated Current (Idc) Amps	Inductance / Wdg (Lo in mH) +50%/-30% @10kHz/0.1mA	DCR in mΩ (Typ.) per Wdg	Horizontal Mounting Case - Size Code
			W1 = W2	W1 = W2	
L01-2410	42H271000	1.0	27.00	500	4
L01-2411	42H274000	4.0	2.70	45	4
L01-2412	42H322000	2.0	6.80	126	5
L01-2413	42H324000	4.0	3.30	55	5
L01-2414	42H326000	6.0	1.80	38	5
L01-2415	42H42A000	10.0	1.80	14	6
L01-2416	42H428000	8.0	2.70	22	6
L01-2417	42H273500	3.5	2.70	50	4
L01-2418	42H171500	1.5	3.30	100	2
L01-2419	42H170502	0.5	27.00	900	2
L01-2420	42H321001	1.0	33.00	630	5

Product Type	Common Mode Choke		
GT Part Number	L01-2400 ~ 2420	Index	
Customer Part Number	42HXX XXXX		
Customer	SCHUKAT		
Place of Manufacture	GT Electronic India		



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MECHANICAL SPECIFICATIONS:



PIN VIEW



All dimensions are in mm

Horizontal Case Size Code	Dimensional Tolerance: $\pm 0.25\text{mm}$ & Pin-Pitch Tolerance: $\pm 0.20\text{mm}$						
	C	D	E	F	G	H	Pin Size x(4no's)
2	17.50	18.00	12.50	10.00	15.00	2.00	$\varnothing 0.80$
3	22.50	23.00	15.00	12.50	20.00	2.00	$\varnothing 0.80$
4	27.50	27.50	17.50	15.00	25.00	2.50	$\varnothing 0.80$
5	33.00	33.00	20.00	20.00	30.00	2.00	$\varnothing 0.80$
6	43.00	42.00	25.00	15.00	40.00	3.30	$\varnothing 1.00$

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
Changes		Issue	Rev	Date

GT elektronik GmbH & Co. KG - Schlörstr.3 - 92507 Nabburg phone:+49(9433)2413-0 fax: -99

www.gt-elektronik.com

Product Type	Common Mode Choke		
GT Part Number	L01-2400 ~ 2420	Index	-
Customer Part Number	42HXX 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
Changes		Rev	Prepared
			Date