

SHCM28 SERIES VERTICAL/HORIZONTAL COMMON MODE CHOKE



Additional information:

We reserve the right to make technical changes or modify the contents of this document without prior notice.

SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.

We can offer that even custom-made transformers will be covered by approvals from UL, CSA, KEMA, etc., but we will be happy to assist you in implementing them. New approvals may be required.

TECHNICAL INFORMATION:

- Rated voltage(V): 85 to 265VACt 50/60Hz.
- Insulation resistance: 100MOhm. MIN a t 500DC.
- TURNS RATIO :N1 : N2 = 1 :1±2%
- Hi- Pot :Pri-Sec : 2500VAC/1mA/60second
- Test Frequency Response:10KHz 100mV.
- Operating temperature range: -40°C to + 105°C.
- temperature Rise: 50°C MAX.
- All parts meet RoHS compliance.

Note:

All specifications subject to change without notice.

CM INDUCTOR FEATURES:

Common Mode Choke coils(line filters) are used in a wide range of prevention of electromagnetic interference(EMI) and radio frequency interference(RFI) from power supply lines and for prevention of multi-functioning of products such as measuring equipment and system equipment.

- Wide range of selection.
- High impedance at applicable frequency.
- High self-resonant frequency.

DM INDUCTOR FEATURES:

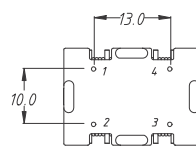
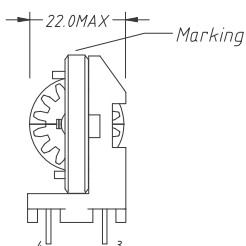
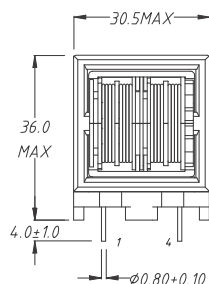
The DM series chokes feature cores with high saturation magnetic flux density. They thereby provide an effective means of combating pluse EMC

By using an advanced amorphous metal alloy core, the DM series are able to provide line noise attenuation performance equivalent to conventional ferrite-based chokes but with far more compact dimensions and fewer coil turns. They can thus be implemented in high-density circuit configurations to comply with various EMC related regulations.

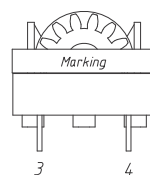
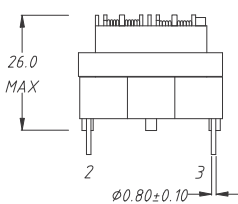
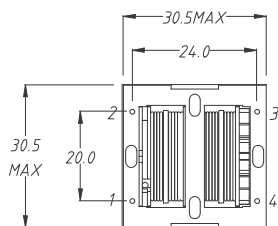
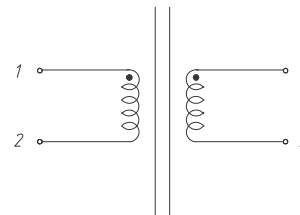
The products contain no lead and also support lead-free soldering.

STANDARD SPECIFICATIONS:

Part No. ("V" TYPE)	Part No. ("H" TYPE)	Inductance (mH) MIN	D.C.Resistance (Ω MAX.)	Rated current (A)
SHCM28V-353Y1R0	SHCM28H-353Y1R0	35.0	0.78	1.00
SHCM28V-253Y1R2	SHCM28H-253Y1R2	25.2	0.55	1.20
SHCM28V-203Y1R5	SHCM28H-203Y1R5	20.0	0.40	1.50
SHCM28V-123Y1R8	SHCM28H-123Y1R8	12.0	0.27	1.80
SHCM28V-802Y2R0	SHCM28H-802Y2R0	8.0	0.18	2.00
SHCM28V-562Y2R5	SHCM28H-562Y2R5	5.6	0.13	2.50
SHCM28V-472Y2R8	SHCM28H-472Y2R8	0.7	0.10	2.80
SHCM28V-332Y3R0	SHCM28H-332Y3R0	3.3	0.09	3.00
SHCM28V-182Y4R0	SHCM28H-182Y4R0	1.8	0.05	4.00



"V" Type



"H" Type

Dimensions in mm
Tolerance: .X ±0.50
.XX ±0.25