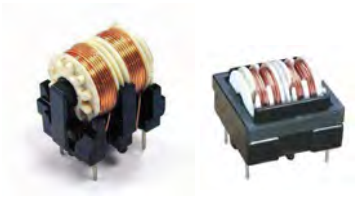
SHCM20 SERIES
VERTICAL/HORIZONTAL COMMON MODE CHOKE



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.

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 equ ipment.

– 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.

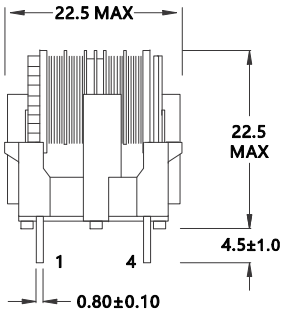
TECHNICAL INFORMATION:

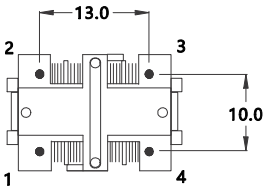
– Rated voltage(V): 85 to 265VACt 50/60Hz.
– Insulation resistance: 100MOhm. MIN a t 500DC.
– TURNS RATIO :N1 : N2 = 1 :1±2%
– Hi- Pot :Pri-Sec : 2500VAC/1mA/60second
– Test Frequency Response:10KHz 100mV.
– Operating temperature range: -40°C to + 105°C.
– temperature Rise: 50°C MAX.
– All parts meet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

Note:
All specifications subject to change without notice.

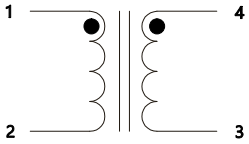
STANDARD SPECIFICATIONS:

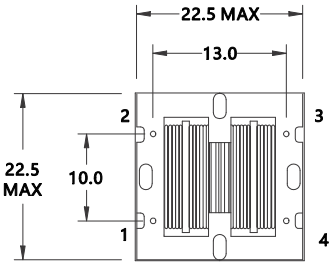
Part No. ("V" TYPE)	Part No. ("H" TYPE)	Inductance (mH) MIN	D.C.Resistance (Ω MAX.)	Rated current (A)
SHCM20V-333Y0R3	SHCM20H-333Y0R3	33.0	3.0	0.30
SHCM20V-253Y0R35	SHCM20H-253Y0R35	25.0	24	0.35
SHCM20V-183Y0R5	SHCM20H-183Y0R5	18.0	1.5	0.50
SHCM20V-153Y0R6	SHCM20H-153Y0R6	15.0	1.3	0,60
SHCM20V-123Y0R7	SHCM20H-123Y0R7	12.0	10	0.70
SHCM20V-103Y0R8	SHCM20H-103Y0R8	10.0	0.90	0.80
SHCM20V-682Y0R9	SHCM20H-682Y0R9	6.8	0.70	0.90
SHCM20V-622Y1R0	SHCM20H-622Y1R0	6.2	0.50	1.00
SHCM30V-242Y1R7	SHCM30H-242Y1R7	24	0.18	1.70
SHCM20V-102Y2R0	SHCM20H-102Y2R0	1.0	0.15	2.00
SHCM20V-601Y3R0	SHCM20H-601Y3R0	0.6	0.06	3.00

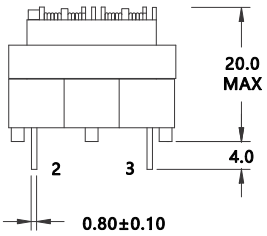


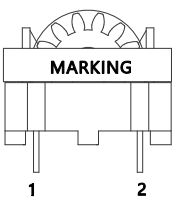


"V" Type









"H" Type

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

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