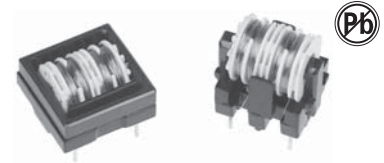


COMMON-MODE FILTER INDUCTOR FACM20V&H SETRIES



FEATURES:

- Rated voltage[V]:85 to 265VAC, 50/60Hz.
- Insulation resistance:100mΩ Min at 500DC.
- Turns ratio:N1:N2=1:1±2%.
- Test Frequency Response:10KHz, 100mV.
- Hi-Pot: Pri-Sec:1500VAc/3mA/2Second.
- Operating temperature range: -40°C to +105 °C .
- Temperature Rise:50°C Max.
- All parts meet ROHS compliance.
- Weight:approximately 10g.

PRODUCT IDENTIFICATION:

$\frac{CM}{a} \frac{20}{b} \frac{V}{c} \frac{103}{d} \frac{Y}{e} \frac{OR8}{f}$

- a:Series name
- b:Product dimensions
- c:Ø/i is the vertical form, 'H' is to the horizontal form
- d:Inductance Value [101:100uH;102:1000uH;103:10000uH]
- e:minimum value
- f:Rated current [OR2:0.2A;1R2:1.2A;10R2:12A]

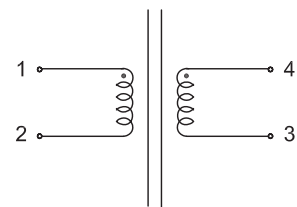
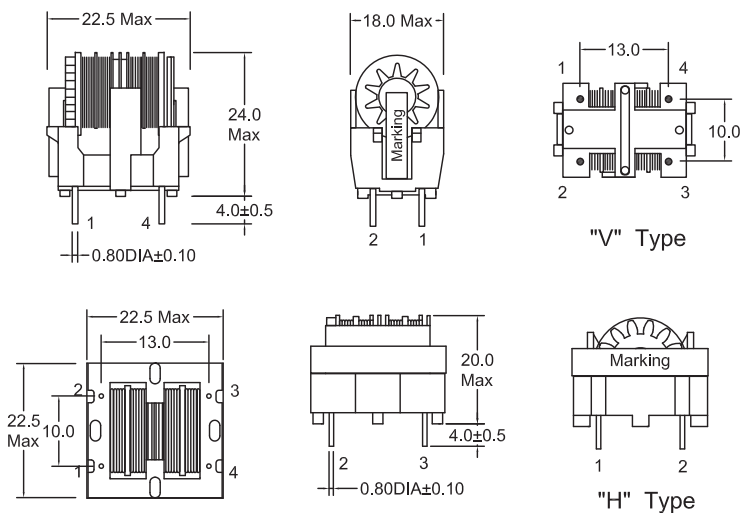
ELECTRICAL CHARACTERISTICS

Part Number	Inductance [mH]Min	D.C.Resistance [Ω] Typ at 20°C	Rated current [mA]
FACM20V-333YOR3	33	2.24	300
FACM20V-253YOR35	25	1.54	350
FACM20V-183YOR5	18	1.04	500
FACM20V-153YOR6	15	0.82	600
FACM20V-123YOR7	12	0.65	700
FACM20V-103YOR8	10	0.49	800
FACM20V-682YOR9	6.8	0.35	900
FACM20V-622Y1R0	6.2	0.31	1000
FACM20V-242Y1R7	2.4	0.13	1700
FACM20V-102Y2R0	1.0	0.06	2000
FACM20V-601Y3R0	0.6	0.04	3000

Part Number	Inductance [mH]Min	D.C.Resistance [Ω] Typ at 20°C	Rated current [mA]
FACM20H-333YOR3	33	1.82	300
FACM20H-253YOR35	25	1.25	350
FACM20H-183YOR5	18	0.81	500
FACM20H-153YOR6	15	0.66	600
FACM20H-123YOR7	12	0.51	700
FACM20H-103YOR8	10	0.40	800
FACM20H-682YOR9	6.8	0.28	900
FACM20H-622Y1R0	6.2	0.24	1000
FACM20H-242Y1R7	2.4	0.10	1700
FACM20H-102Y2R0	1.0	0.046	2000
FACM20H-601Y3R0	0.6	0.030	3000

TECHNICAL INFORMATION

CIRCUIT MAP



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