

# COMMON-MODE FILTER INDUCTOR FACM28V&H SERIES



## 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: 1500V ac/3mA/2Second.
- Operating temperature range: -40°C to +105°C.
- Temperature Rise: 50°C Max.
- All parts meet ROHS compliance.
- Weight: approximately 30g.

## PRODUCT IDENTIFICATION:

CM 28 V 1 23 Y 1 R8  
a b c d e f

- a: Series name
- b: Product dimensions
- c: V is to the vertical form, 'H' is to the horizontal form
- d: Inductance Value (101:100uH; 102:1000uH; 103:10000uH)
- e: minimum value
- f: Rated current (0R2:0.2A; 1R2; 1.2A; 10R2:1.2A)

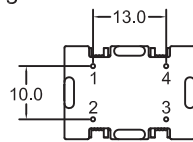
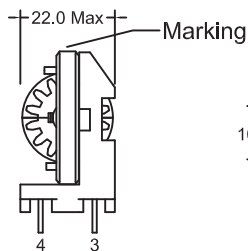
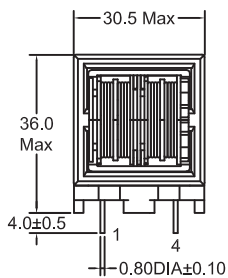
## ELECTRICAL CHARACTERISTICS

Part Number	Inductance [mH]Min	D.C.Resistance [Ω] Typ at 20°C	Rated current [mA]
FACM28V-353Y1R0	35	0.78	1000
FACM28V-253Y0R2	25	0.55	1200
FACM28V-203Y1R5	20	0.40	1500
FACM28V-123Y1R8	12	0.27	1800
FACM28V-802Y2R0	8.0	0.18	2000
FACM28V-562Y2R5	5.6	0.13	2500
FACM28V-472Y2R8	4.7	0.10	2800
FACM28V-332Y3R0	3.3	0.09	3000
FACM28V-182Y4R0	1.8	0.05	4000

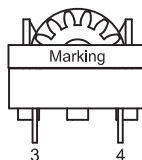
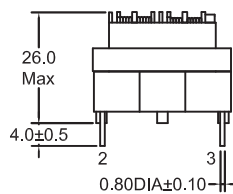
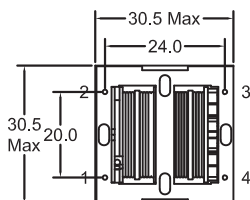
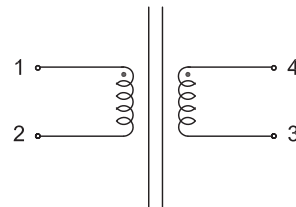
Part Number	Inductance [mH]Min	D.C.Resistance [Ω] Typ at 20°C	Rated current [mA]
FACM28H-353Y1R0	35	0.78	1000
FACM28H-253Y0R2	25	0.55	1200
FACM28H-203Y1R5	20	0.40	1500
FACM28H-123Y1R8	12	0.27	1800
FACM28H-802Y2R0	8.0	0.18	2000
FACM28H-562Y2R5	5.6	0.13	2500
FACM28H-472Y2R8	4.7	0.10	2800
FACM28H-332Y3R0	3.3	0.09	3000
FACM28H-182Y4R0	1.8	0.05	4000

## TECHNICAL INFORMATION

## CIRCUIT MAP



"V" Type



"H" Type

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