



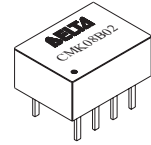
THROUGH-HOLE TYPE Common-Mode Choke

FEATURES

- Low cost
- Low resistance
- Excellent electrical isolation and environmental stability

APPLICATIONS

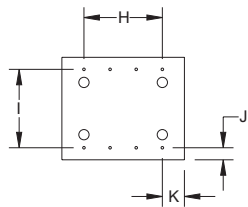
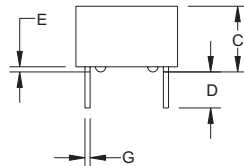
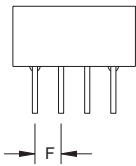
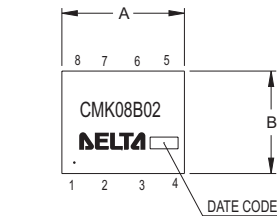
- To suppress common mode noise in particular frequency range
- Eliminate the problem of conducted EMI in data line applications



ELECTRICAL CHARACTERISTICS @25°C

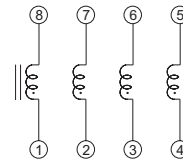
PART NO.	Inductance (uH) (1-8)	Leakage Inductance (uH) Max (1-8, Short Others)	Interwinding Capacitance (pF) Max	DC Resistance (Ω) Max	Turns Ratio @100KHz ± 5%
CMK08B02TH	18~36	0.3	25	0.065	1:1:1:1
CMK08B03TH	24	0.2	15	0.30	1:1:1:1
CMK08B04TH	36	0.3	25	0.35	1:1:1:1

MECHANICAL CONSTRUCTION

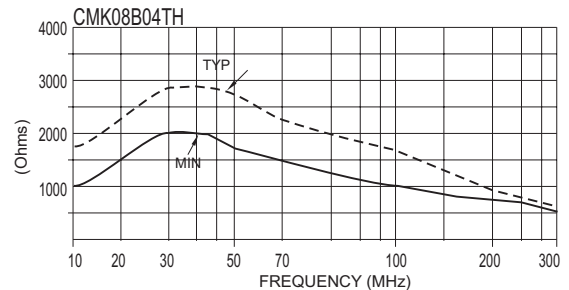


UNIT : mm / inch
 A = 11.90 ± 0.254 / 0.315 ± 0.010
 B = 9.90 ± 0.254 / 0.217 ± 0.010
 C = 6.40 ± 0.254 / 0.157 ± 0.010
 D = 3.20 ± 0.254 / 0.327 ± 0.010
 E = 0.50 ± 0.254 / 0.028 ± 0.010
 F = 2.54 / 0.005 (TYP)
 G = 0.50 ± 0.127 / 0.020 ± 0.005
 H = 7.62 / 0.300 (TYP)
 I = 7.62 / 0.300 (TYP)
 J = 1.10 ± 0.127 / 0.043 ± 0.005
 K = 2.14 ± 0.127 / 0.084 ± 0.005

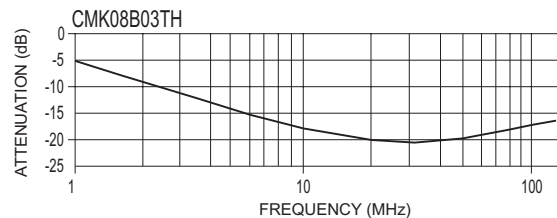
SCHEMATICS



IMPEDANCE CURVE



ATTENUATION



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