



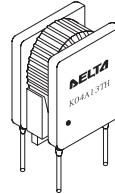
# THROUGH-HOLE TYPE Common-Mode Choke

## FEATURES

- High performance and low cost
- Compact size for easy mounting on the boards
- Enable common-mode noise suppression without influence video signals

## APPLICATIONS

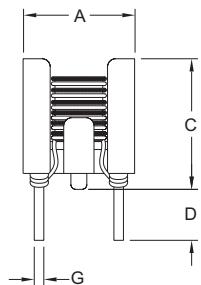
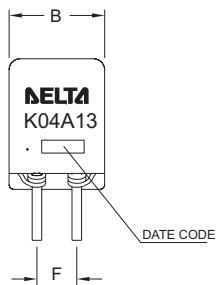
- EMI countermeasures at signal lines of personal computers, microcomputers, peripheral devices, etc.
- To suppress common-mode noise at composite video signals



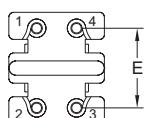
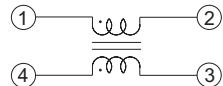
## ELECTRICAL CHARACTERISTICS @25°C

PART NO.	Inductance ( $\mu$ H)	DC Resistance ( $m\Omega$ ) Max	Isolation Resistance ( $M\Omega$ ) Min	
			@ 100 VDC	Rated current (A) Max
CMK04A13TH	42±35%	55	10	0.5

## MECHANICAL CONSTRUCTION

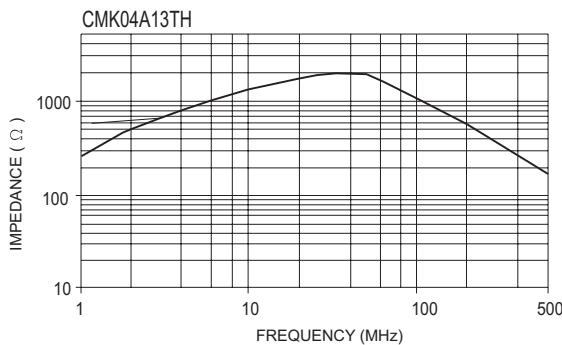


## SCHEMATICS



UNIT : mm / inch  
A =  $7.10 \pm 0.254$  /  $0.280 \pm 0.010$   
B =  $6.10 \pm 0.254$  /  $0.240 \pm 0.010$   
C =  $9.10 \pm 0.254$  /  $0.358 \pm 0.010$   
D =  $3.20 \pm 0.30$  /  $0.126 \pm 0.012$   
E =  $5.08$  /  $0.200$  (TYP)  
F =  $2.54$  /  $0.100$  (TYP)  
G =  $0.60 \pm 0.127$  /  $0.024 \pm 0.005$

## IMPEDANCE CURVE



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