

# High-Speed Gigabit Ethernet Filter



## KEY FEATURES

- In-line High-Speed Ethernet filter
- Specifically designed to filter noise on Ethernet signals without affecting data integrity
- Plug-and-play
- Small form factor
- Suitable for 1 Gbps

## ELECTRICAL CHARACTERISTICS

### PERFORMANCE<sup>1</sup>

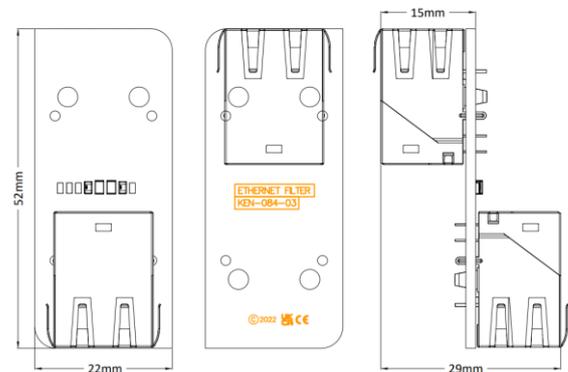
Common Mode Rejection:  
 <-30dB (1-50MHz)  
 <-20dB (50-100MHz)

Data Line Impedance:  
 220Ω @ 100MHz

## MECHANICAL CHARACTERISTICS

### CONNECTIONS

2 x RJ45 LAN Transformer (10000Base-T)



PCB is encased in an insulated transparent polyolefin sleeve.

## SAFETY

### OPERATING TEMPERATURE

The operating temperature range is -20°C to 40°C.

### STORAGE TEMPERATURE

The storage temperature range is -20°C to 85°C.

## APPROVALS

RoHS ✓ WEEE CE UKCA

<sup>1</sup>Performance graphs available on request