COMPLIANCE ENGINEERING
EMC - Shielding - Environmental

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# DZ Series


- IEC connector integrative filters
- High performance to cost make
- Available for mini-electronic equipment and measuring instruments

## TECHNICAL DATA

| | |
|---|---|
| Rated Voltage | 250 VAC |
| Operating Frequency | 50-60Hz |
| Rated Current | 1A-16A |
| Test Voltage (1min) | 1500 VDC (line – line)<br>1500 VAC (line – ground) |
| Climatic Category | 25/085/21 |

| Model | Terminal | | Rated Current (A) | Ground Capacitance (nF) | Leakage Current ≤ (mA) | Discharge Resistance (MΩ) | Circuit Diagram fig. | Dimension fig. |
|---|---|---|---|---|---|---|---|---|
| | Input | Output | | | | | | |
| DL-1DZ2 | IEC Socket | Spade Terminal | 1 | 2.2 | 0.5 | | 1 | 1 |
| DL-3DZ2 | IEC Socket | Spade Terminal | 3 | 3.3 | 0.5 | | 1 | 1 |
| DL-6DZ2 | IEC Socket | Spade Terminal | 6 | 3.3 | 0.5 | | 1 | 1 |
| DL-10DZ2 | IEC Socket | Spade Terminal | 10 | 4.7 | 0.8 | | 1 | 1 |
| DL-15DZ2 | IEC Socket | Spade Terminal | 15 | 2.2 | 0.5 | 1 | 1 | 1 |
| DL1DZ210 | IEC Socket | Spade Terminal | 1 | 2.2 | 0.5 | | 1 | 2 |
| DL-3DZ210 | IEC Socket | Spade Terminal | 3 | 2.2 | 0.5 | | 1 | 2 |
| DL-6DZ210 | IEC Socket | Spade Terminal | 6 | 2.2 | 0.5 | | 1 | 2 |
| DL-10DZ210 | IEC Socket | Spade Terminal | 10 | 2.2 | 0.5 | | 1 | 2 |
| DL-1DZX | IEC Socket | Wire | 1 | 2.2 | 0.5 | | 1 | 3 |
| DL-3DZX | IEC Socket | Wire | 3 | 3.3 | 0.5 | | 1 | 3 |
| DL-6DZX | IEC Socket | Wire | 6 | 3.3 | 0.5 | | 1 | 3 |
| DL-10DZX | IEC Socket | Wire | 10 | 3.3 | 0.5 | | 1 | 3 |
| DL-15DZX | IEC Socket | Wire | 15 | 2.2 | 0.5 | 1 | 1 | 3 |
| DL-1DZ2C | IEC Socket | Spade Terminal | 1 | 2.2 | 0.5 | | 1 | 4 |
| DL-3DZ2C | IEC Socket | Spade Terminal | 3 | 2.2 | 0.5 | | 1 | 4 |
| DL-6DZ2C | IEC Socket | Spade Terminal | 6 | 2.2 | 0.5 | | 1 | 4 |
| DL-10DZ2C | IEC Socket | Spade Terminal | 10 | 2.2 | 0.5 | | 1 | 4 |
| DL-3DZB21 | IEC Socket | Spade Terminal | 3 | 4.7 | 0.8 | 1.5 | 2 | 5 |
| DL-6DZB21 | IEC Socket | Spade Terminal | 6 | 4.7 | 0.8 | 1.5 | 2 | 5 |
| DL-10DZB21 | IEC Socket | Spade Terminal | 10 | 3.3 | 0.5 | 1.5 | 2 | 6 |
| DL-15DZB2 | IEC Socket | Spade Terminal | 15 | 3.3 | 0.5 | 1.5 | 2 | 7 |
| DL-16-DZB2 | IEC Socket | Spade Terminal | 16 | 10 | 1.7 | 0.68 | 1 | 8 |

## TYPICAL CIRCUIT DIAGRAM

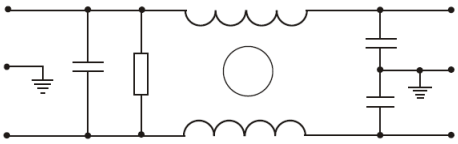


fig.1

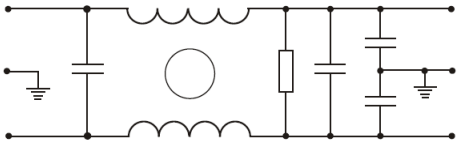


fig.2

## OUTLINE DRAWING AND DIMENSIONS (mm)

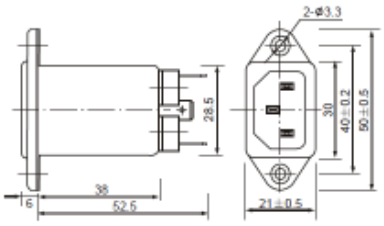



fig.1

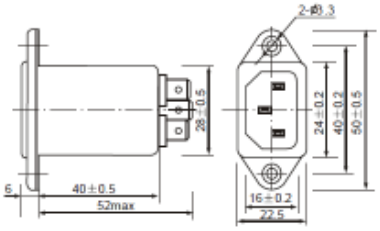



fig.2

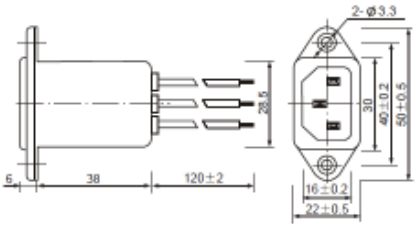



fig.3

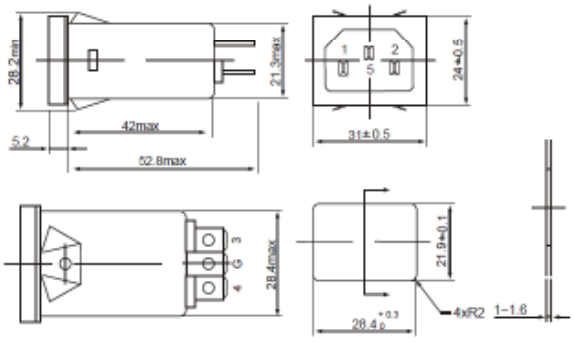



fig.4

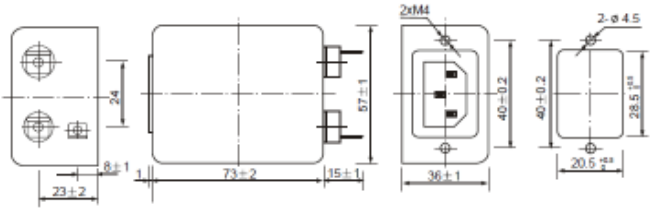



fig.5

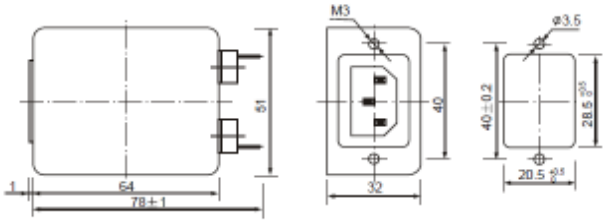



fig.6

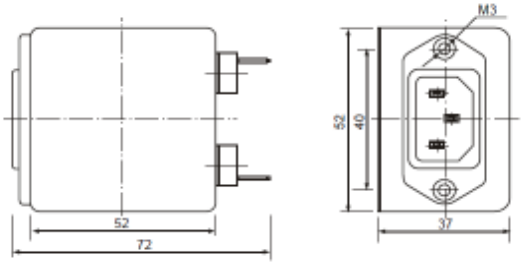



fig.7

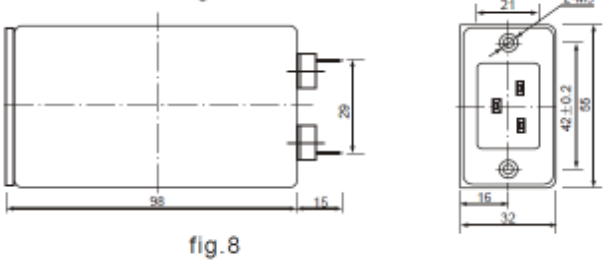
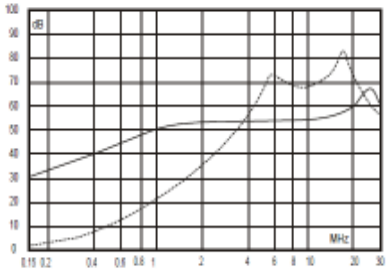



fig.8

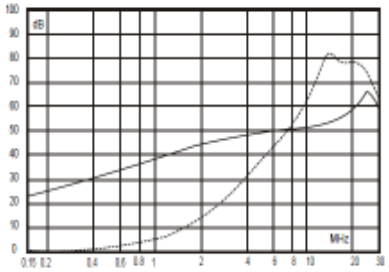
## INSERTION LOSS

(50Ω, IEC/CISPR No 17, Measured in 50Ω system, as IEC/CISPR No. 17)

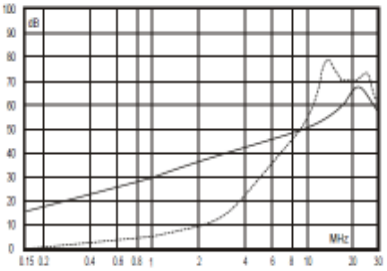
1DZ2/1DZX



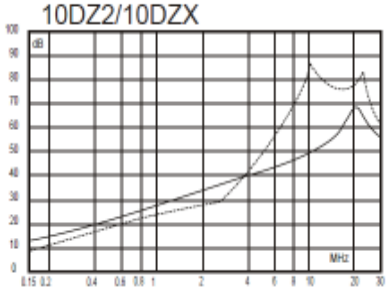
3DZ2/3DZX



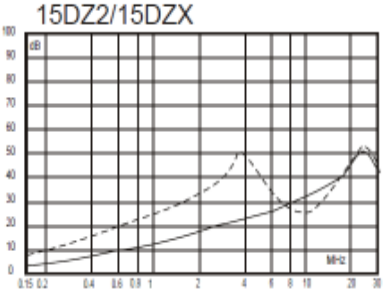
6DZ2/6DZX



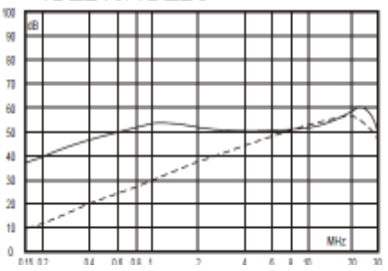
10DZ2/10DZX



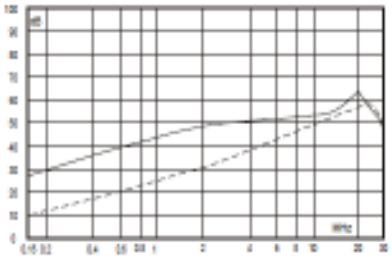
15DZ2/15DZX



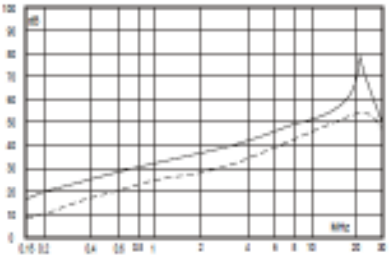
1DZ210/1DZ2C



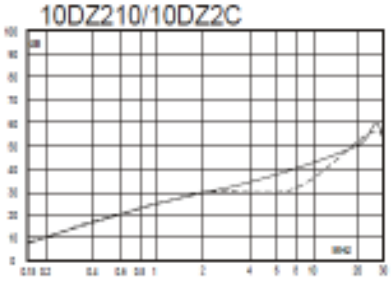
3DZ210



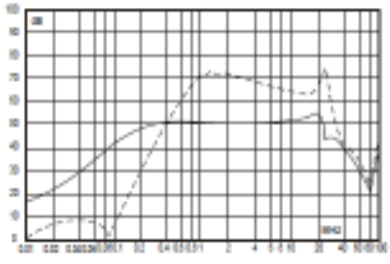
6DZ210/6DZ2C



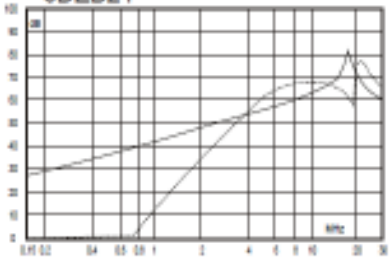
10DZ210/10DZ2C



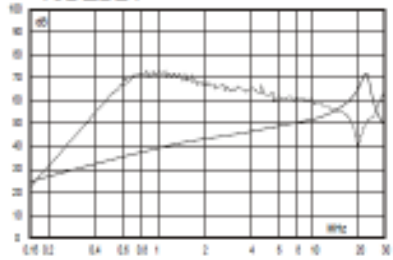
3DZB21



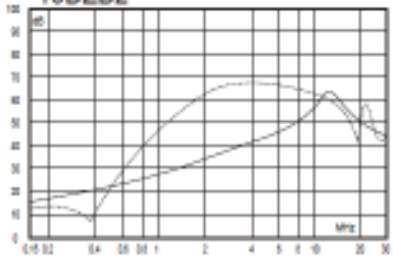
6DZB21



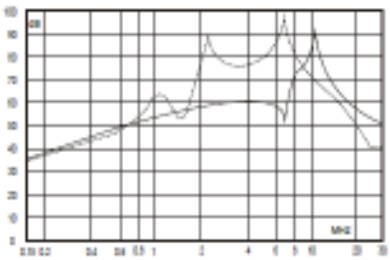
10DZB21



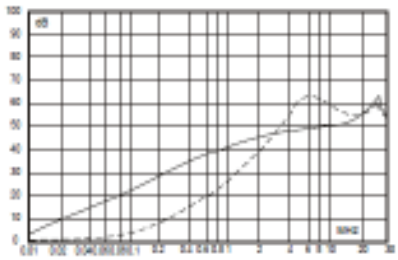
15DZB2



16DZB2



3DZ2C



——— (Common Mode)

- - - - - (Differential Mode)