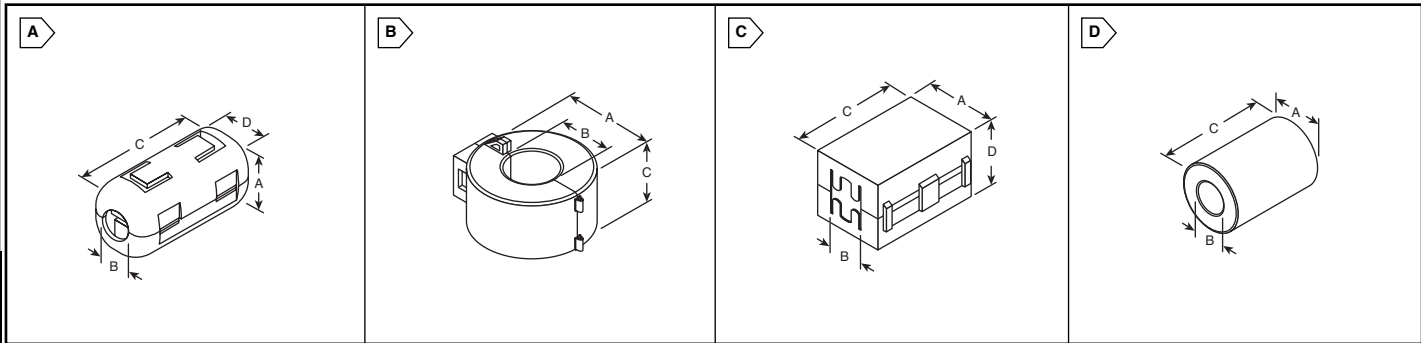


# STWARD Ferrite Cable & Wire EMI Filters

Steward

www.DataSheet4U.com



## SNAP-ON EMI FERRITE CLAMP FILTERS IN PLASTIC CASES

### Features:

- For retrofit and post assembly usages
- Excellent common and differential mode EMI suppression
- Black or white plastic snap-on cases provide secure closure
- For round cables and wire bundles



RoHS Compliant

For quantities of 500 and up, call for quote.

| MOUSER STOCK NO. | Steward Part No. | Fig. | Impedance @ 100MHz (Ω) | Impedance @ 300MHz (Ω) | Maximum Cable Diameter | Dimensions (mm) |       |       |       | Case Color | Price Each |       |       |       |
|------------------|------------------|------|------------------------|------------------------|------------------------|-----------------|-------|-------|-------|------------|------------|-------|-------|-------|
|                  |                  |      |                        |                        |                        | A               | B     | C     | D     |            | 1          | 10    | 50    | 100   |
| 875-28A0392-0A0  | 28A0392-0A0      | A    | 170                    | 320                    | 4.65                   | 12.8            | 5.44  | 29.08 | 12.32 | White      | 1.05       | .87   | .75   | .68   |
| 875-28A0640-0A0  | 28A0640-0A0      | A    | 240                    | 390                    | 8.95                   | 19.1            | 9.09  | 40.36 | 20.8  | White      | 1.93       | 1.60  | 1.38  | 1.25  |
| 875-28A2025-0A0  | 28A2025-0A0      | C    | 320                    | 510                    | 6.35                   | 17.9            | 7.0   | 32.5  | 18.4  | White      | 1.86       | 1.55  | 1.33  | 1.20  |
| 875-28A2029-0A0  | 28A2029-0A0      | C    | 250                    | 420                    | 9.91                   | 21.77           | 10.0  | 32.84 | 21.84 | White      | 2.32       | 1.92  | 1.66  | 1.49  |
| 875-28A2024-0A0  | 28A2024-0A0      | C    | 280                    | 440                    | 12.7                   | 29.0            | 13.0  | 32.5  | 29.6  | White      | 3.69       | 3.06  | 2.64  | 2.38  |
| 875-28A0392-0A2  | 28A0392-0A2      | A    | 170                    | 320                    | 4.65                   | 12.8            | 5.44  | 29.08 | 12.32 | Black      | 1.05       | .87   | .75   | .68   |
| 875-28A0350-0B2  | 28A0350-0B2      | A    | 240                    | 400                    | 3.5                    | 13.0            | 3.5   | 25.2  | 11.5  | Black      | 1.02       | .85   | .73   | .66   |
| 875-28A2736-0A2  | 28A2736-0A2      | A    | 220                    | 360                    | 9.0                    | 18.0            | 9.0   | 35.1  | 19.7  | Black      | 1.51       | 1.25  | 1.08  | .97   |
| 875-28A0640-0A2  | 28A0640-0A2      | A    | 240                    | 690                    | 8.95                   | 19.1            | 9.09  | 40.36 | 20.8  | Black      | 1.93       | 1.60  | 1.38  | 1.25  |
| 875-28A2026-0A2  | 28A2026-0A2      | A    | 270                    | 460                    | 6.35                   | 21.03           | 8.13  | 41.68 | 21.03 | Black      | 2.05       | 1.70  | 1.47  | 1.32  |
| 875-28A3851-0A2  | 28A3851-0A2      | A    | 260                    | 410                    | 12.85                  | 30.0            | 13.0  | 33.7  | 30.0  | Black      | 3.11       | 2.58  | 2.22  | 2.00  |
| 875-28A0593-0A2  | 28A0593-0A2      | B    | 471                    | 575                    | 6.55                   | 18.75           | 6.60  | 6.55  | -     | Black      | 1.75       | 1.46  | 1.26  | 1.13  |
| 875-28A2432-0A2  | 28A2432-0A2      | B    | 160                    | 300                    | 8.13                   | 19.2            | 8.2   | 19.9  | -     | Black      | 1.26       | 1.05  | .91   | .82   |
| 875-28A3039-0A2  | 28A3039-0A2      | B    | 130                    | 250                    | 10.19                  | 24.55           | 10.2  | 13.6  | -     | Black      | 1.32       | 1.10  | .95   | .86   |
| 875-28A4155-0A2  | 28A4155-0A2      | B    | 120                    | 230                    | 13.55                  | 28.8            | 13.6  | 15.4  | -     | Black      | 1.52       | 1.26  | 1.09  | .98   |
| 875-28A0434-0A2  | 28A0434-0A2      | B    | 227                    | 449                    | 5.1                    | 42.55           | 14.3  | 5.35  | -     | Black      | 1.23       | 1.03  | .89   | .80   |
| 875-28A0592-0A2  | 28A0592-0A2      | B    | 572                    | 688                    | 4.5                    | 53.39           | 18.75 | 4.8   | -     | Black      | 1.81       | 1.51  | 1.30  | 1.17  |
| 875-28A2025-0A2  | 28A2025-0A2      | C    | 320                    | 510                    | 6.35                   | 17.9            | 7.0   | 32.5  | 18.4  | Black      | 1.86       | 1.55  | 1.33  | 1.20  |
| 875-28A2029-0A2  | 28A2029-0A2      | C    | 250                    | 420                    | 9.91                   | 21.77           | 10.0  | 32.84 | 21.84 | Black      | 2.32       | 1.92  | 1.66  | 1.49  |
| 875-28A5131-0A2  | 28A5131-0A2      | C    | 425                    | 533                    | 25.4                   | 56.64           | 19.5  | 45    | 56.63 | Black      | 18.58      | 15.40 | 13.28 | 11.95 |

## ROUND AND CYLINDRICAL FERRITE EMI SUPPRESSION CORES

### Features:

- Excellent common and differential mode EMI suppression
- For round cables and wire bundles
- Broadband performance
- Impedance value is NET impedance of the ferrite core only



RoHS Compliant

For quantities of 500 and up, call for quote.

| MOUSER STOCK NO. | Steward Part No. | Fig. | Impedance @ 25MHz (Ω) | Impedance @ 100MHz (Ω) | Impedance @ 300MHz (Ω) | Dimensions (mm) |       |       | Price Each |      |      |      |
|------------------|------------------|------|-----------------------|------------------------|------------------------|-----------------|-------|-------|------------|------|------|------|
|                  |                  |      |                       |                        |                        | A               | B     | C     | 1          | 10   | 50   | 100  |
| 875-28B0268-000  | 28B0268-000      | D    | 65                    | 138                    | 260                    | 6.78            | 3.99  | 14.22 | .14        | .12  | .10  | .09  |
| 875-28B0375-100  | 28B0375-100      | D    | 74                    | 154                    | 282                    | 9.53            | 5.08  | 10.41 | .22        | .17  | .15  | .13  |
| 875-28B0375-300  | 28B0375-300      | D    | 100                   | 194                    | 310                    | 9.53            | 5.08  | 19.05 | .26        | .20  | .17  | .15  |
| 875-28B0485-000  | 28B0485-000      | D    | 170                   | 320                    | 450                    | 12.32           | 4.88  | 25.4  | .58        | .45  | .39  | .35  |
| 875-28B0500-100  | 28B0500-100      | D    | 33                    | 83                     | 200                    | 12.7            | 7.92  | 6.35  | .18        | .14  | .12  | .11  |
| 875-28B0562-200  | 28B0562-200      | D    | 177                   | 317                    | 470                    | 14.27           | 6.35  | 28.58 | .47        | .39  | .33  | .30  |
| 875-28B0563-200  | 28B0563-200      | D    | 149                   | 287                    | 406                    | 14.27           | 7.26  | 28.57 | .68        | .53  | .46  | .41  |
| 875-28B0625-100  | 28B0625-100      | D    | 150                   | 280                    | 400                    | 15.88           | 7.87  | 28.58 | .79        | .61  | .53  | .48  |
| 875-28B0631-100  | 28B0631-100      | D    | 124                   | 243                    | 370                    | 16.0            | 9.25  | 28.0  | .72        | .56  | .48  | .44  |
| 875-28B0672-000  | 28B0672-000      | D    | 130                   | 245                    | 360                    | 17.07           | 8.76  | 25.4  | 1.02       | .79  | .72  | .65  |
| 875-28B0686-000  | 28B0686-000      | D    | 61                    | 91                     | 214                    | 17.42           | 9.52  | 6.35  | .28        | .22  | .19  | .17  |
| 875-28B0686-100  | 28B0686-100      | D    | 66                    | 139                    | 265                    | 17.42           | 9.52  | 12.7  | .81        | .63  | .57  | .52  |
| 875-28B0686-200  | 28B0686-200      | D    | 124                   | 242                    | 390                    | 17.42           | 9.52  | 28.58 | .81        | .63  | .55  | .49  |
| 875-28B0734-000  | 28B0734-000      | D    | 116                   | 229                    | 370                    | 18.67           | 11.18 | 28.58 | 1.39       | 1.08 | .98  | .89  |
| 875-28B0735-000  | 28B0735-000      | D    | 135                   | 250                    | 400                    | 18.67           | 10.16 | 28.58 | .94        | .73  | .63  | .57  |
| 875-28B0870-100  | 28B0870-100      | D    | 56                    | 122                    | 236                    | 22.1            | 13.72 | 12.7  | .63        | .49  | .42  | .38  |
| 875-28B1000-000  | 28B1000-000      | D    | 73                    | 151                    | 278                    | 25.4            | 12.7  | 12.7  | .83        | .64  | .55  | .50  |
| 875-28B1020-100  | 28B1020-100      | D    | 147                   | 276                    | 412                    | 25.91           | 12.83 | 28.58 | 1.81       | 1.40 | 1.21 | 1.09 |
| 875-28B1122-100  | 28B1122-100      | D    | 160                   | 307                    | 440                    | 28.5            | 13.77 | 28.58 | 2.06       | 1.71 | 1.47 | 1.33 |
| 875-28B1142-000  | 28B1142-000      | D    | 34                    | 85                     | 200                    | 29.01           | 19.0  | 7.49  | .59        | .46  | .40  | .36  |

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