

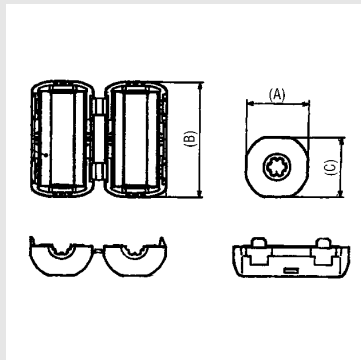
FILTERING

SPLIT FERRITES FOR ROUND CABLE

patented

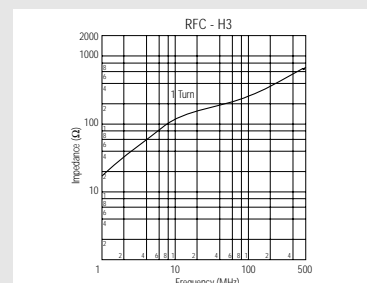
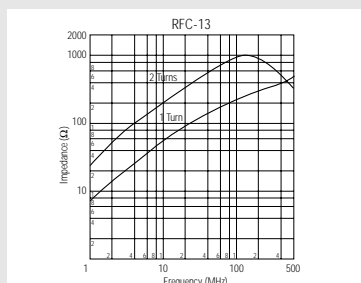
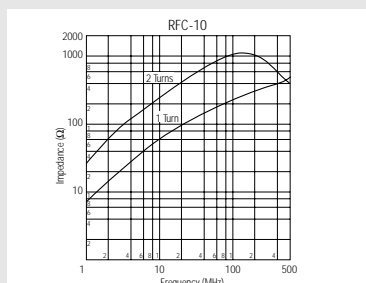
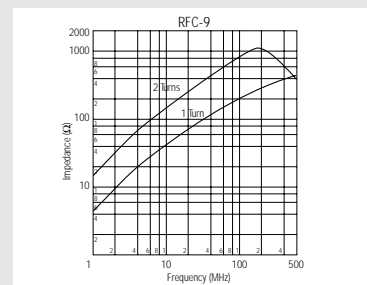
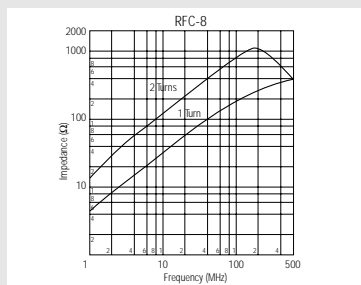
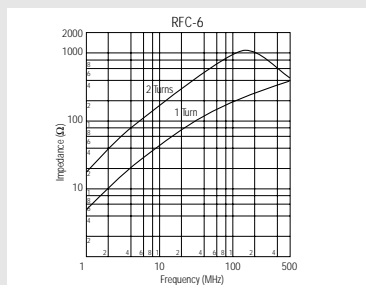
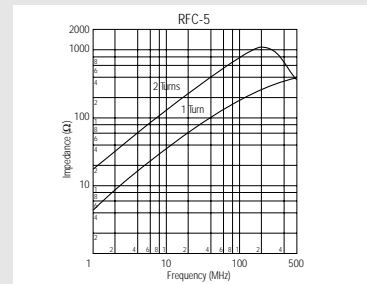
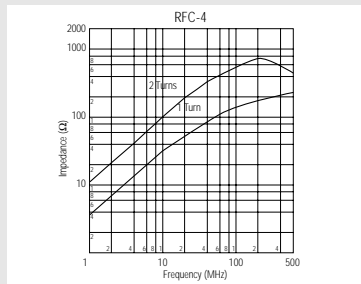
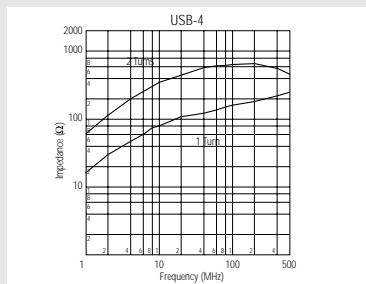
Features

- Employ high-performance ferrites (Nickel-Zinc) effective against high frequency noise
- Ferrite assembly in fully enclosed Nylon 6/6 case can be installed as a single add-on component by snapping. (UL 94 V-0)
- Designed to help reduce cost and time to market saving.
- Can be installed in its intended location before or after product assembly by snapping.



| Part No. | Unit: mm | | | Impedance (Ω) 1 turn | | Impedance (Ω) 2 turn | | Max. Cable Diameter |
|----------|----------|------|------|-------------------------------|--------|-------------------------------|--------|---------------------|
| | A | B | C | 25MHz | 100MHz | 25MHz | 100MHz | |
| USB-4 | 13,9 | 27,0 | 13,6 | 122 | 168 | 443 | 614 | \emptyset 5,5 |
| RFC-4 | 14,5 | 28,6 | 13,8 | 56 | 149 | 198 | 584 | \emptyset 4,5 |
| RFC-5 | 18,5 | 34,0 | 17,8 | 53 | 177 | 126 | 864 | \emptyset 5,5 |
| RFC-6 | 18,5 | 34,0 | 17,8 | 53 | 177 | 126 | 864 | \emptyset 6,5 |
| RFC-8 | 20,6 | 34,0 | 19,8 | 49 | 150 | 173 | 658 | \emptyset 9,0 |
| RFC-9 | 22,6 | 34,0 | 21,4 | 64 | 183 | 242 | 760 | \emptyset 10,0 |
| RFC-10 | 26,6 | 34,0 | 25,4 | 95 | 236 | 371 | 1036 | \emptyset 11,0 |
| RFC-13 | 29,6 | 34,0 | 28,4 | 90 | 209 | 363 | 878 | \emptyset 14,0 |
| RFC-H13 | 31,7 | 41,0 | 29,4 | 200 | 270 | - | - | \emptyset 13,5 |

Black plastic case available (-BK)



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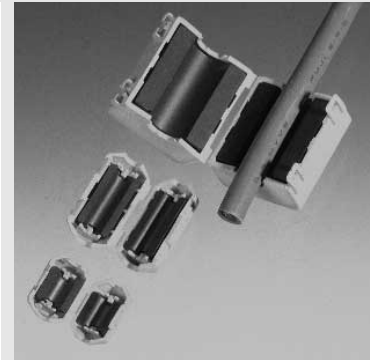
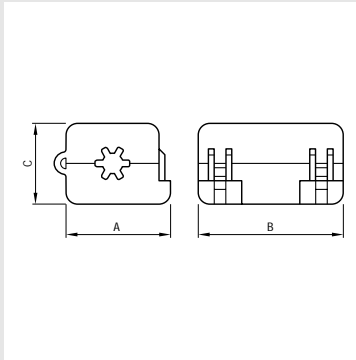
FILTERING

SPLIT FERRITES FOR ROUND CABLE

patented

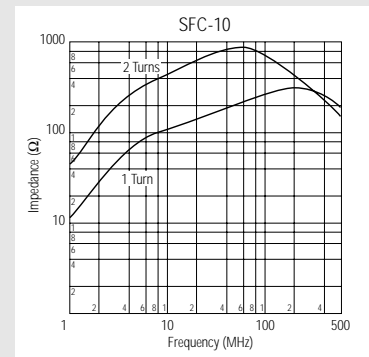
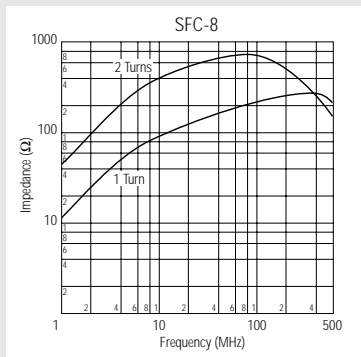
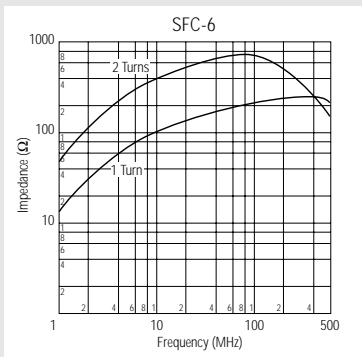
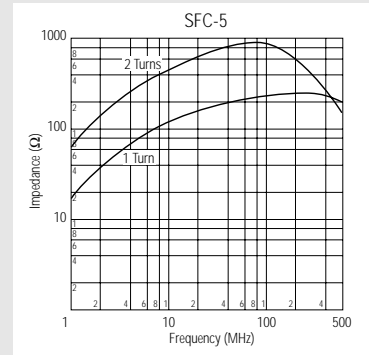
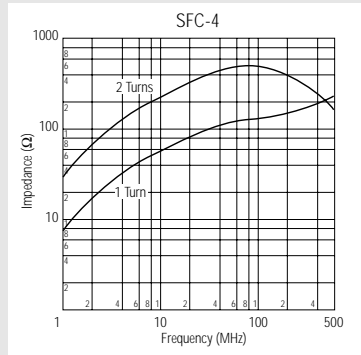
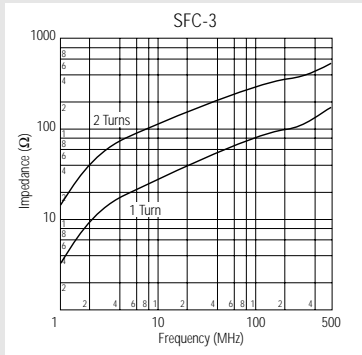
Features

- Employ high-performance ferrites (Nickel-Zinc) effective against high frequency noise
- Ferrite assembly in fully enclosed Nylon 6/6 case, can be installed as a single add-on component by snapping. (UL 94 V-0)
- Spring stainless steel (SUS 304-CSP) incorporates ensure a tighter surface contact between ferrites for a consistent performance.
- Designed to help reduce cost and time to market saving.
- Can be installed in its intended location before or after product assembly by snapping.



| Part No. | Unit: mm | | | Impedance (Ω) 1 turn | | Impedance (Ω) 2 turn | | Max. Cable Diameter |
|----------|----------|------|------|-------------------------------|--------|-------------------------------|--------|---|
| | A | B | C | 25MHz | 100MHz | 25MHz | 100MHz | |
| SFC-3 | 13.4 | 18.9 | 13.2 | 45 | 80 | 163 | 301 | $\varnothing 3$ |
| SFC-4 | 16.3 | 29.5 | 15.0 | 96 | 138 | 401 | 522 | $\varnothing 4$ to $\varnothing 5$ |
| SFC-5 | 21.0 | 32.0 | 17.5 | 177 | 242 | 660 | 766 | $\varnothing 5$ to $\varnothing 6$ |
| SFC-6 | 23.5 | 32.0 | 20.0 | 139 | 207 | 614 | 629 | $\varnothing 6$ to $\varnothing 7$ |
| SFC-8 | 23.5 | 32.0 | 20.0 | 137 | 204 | 573 | 663 | $\varnothing 7,8$ to $\varnothing 8,5$ |
| SFC-10 | 32.6 | 32.0 | 29.0 | 149 | 266 | 640 | 733 | $\varnothing 9,5$ to $\varnothing 10,5$ |

Black plastic case available (-BK)



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FILTERING

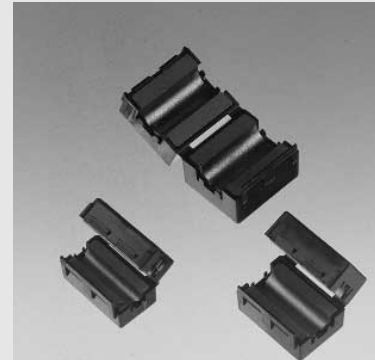
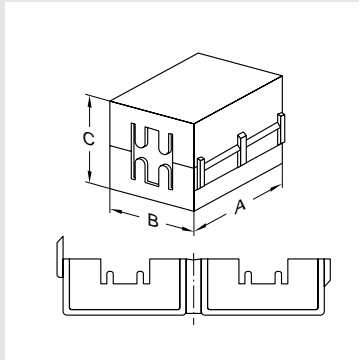
SPLIT FERRITES FOR ROUND CABLE

Features

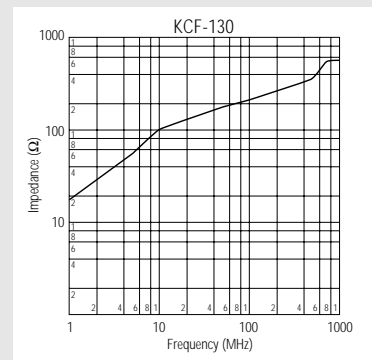
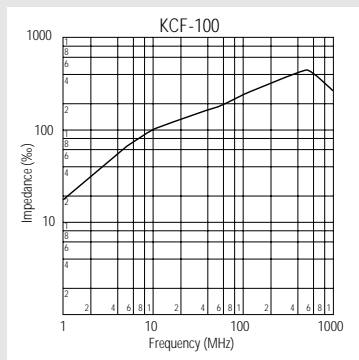
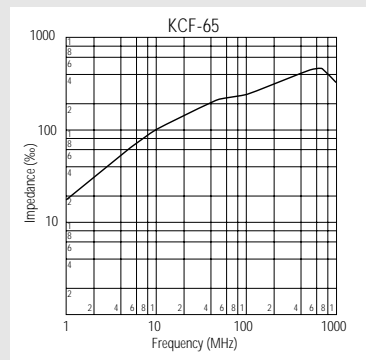
- Split construction permits easy insertion on pre-installed cable and installed or cables with connectors.
- Kept in a plastic case, ferrite will not crack or chip. (UL 94 V-2)
- Cable is fixed firmly by plastic housing

Applications

- For noise problems arising from office automation equipment or other digital equipment.
- Internal and external power cable.
- Internal cables between PC boards and data connectors.



| Part No. | Unit: mm | | | Impedance (Ω) | | Max. Cable Diameter |
|----------|----------|------|------|------------------------|--------|---------------------|
| | A | B | C | 25MHz | 100MHz | |
| KCF-65 | 32.6 | 17.8 | 19.2 | 176 | 267 | \varnothing 6.5 |
| KCF-100 | 32.6 | 22.5 | 23.0 | 151 | 226 | \varnothing 10.0 |
| KCF-130 | 32.7 | 29.2 | 30.2 | 152 | 228 | \varnothing 13.0 |



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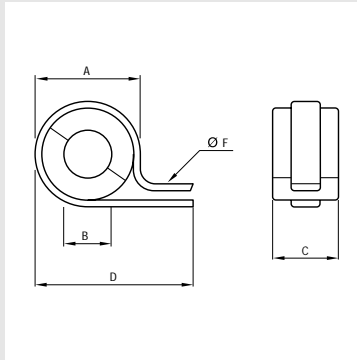
SPLIT FERRITES FOR ROUND CABLE

Features

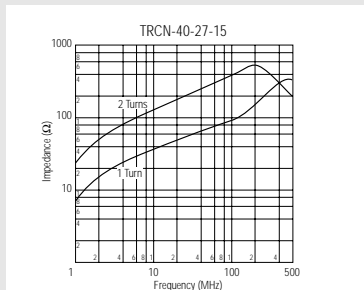
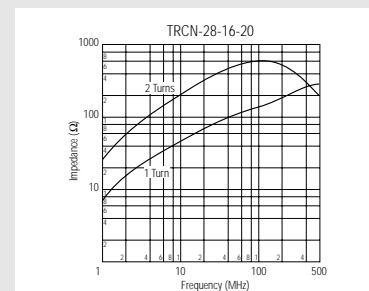
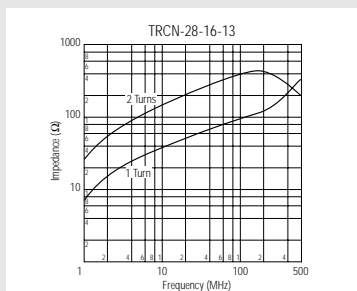
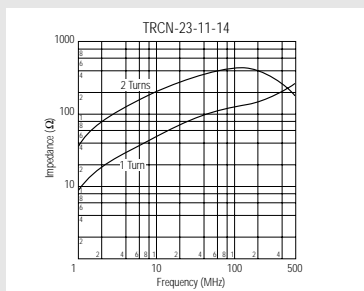
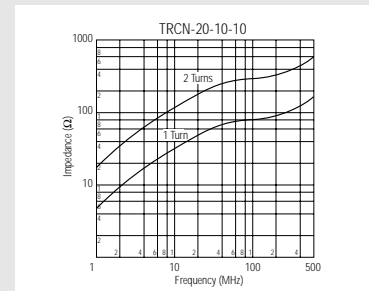
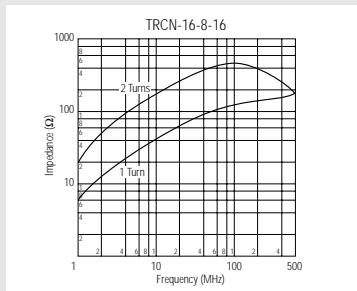
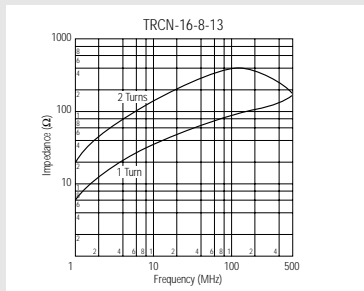
- Split construction permits easy insertion of cables already wired and installed, or cables with connectors.
- Comes with nylon mounting clamp.
- Clamps are made of UL recognized 6/6 nylon (UL94V-2)

Application

For noise problems arising from office automation equipment or other digital equipment.



| Part No. | Unit: mm | | | | | Impedance (Ω) 1 turn | | Impedance (Ω) 2 turn | | Max. Cable Diameter |
|---------------|----------|------|------|------|-----|-------------------------------|--------|-------------------------------|--------|----------------------------|
| | A | B | C | D | F | 25MHz | 100MHz | 25MHz | 100MHz | |
| TRCN-16-8-13 | 19.4 | 8.2 | 13.0 | 30.2 | 4.3 | 59 | 93 | 231 | 396 | \varnothing 8.0 or less |
| TRCN-16-8-16 | 19.4 | 8.2 | 16.0 | 30.2 | 4.3 | 64 | 106 | 291 | 504 | \varnothing 8.0 or less |
| TRCN-20-10-10 | 25.7 | 10.4 | 10.0 | 38.2 | 5.1 | 53 | 84 | 203 | 360 | \varnothing 10.0 or less |
| TRCN-23-11-14 | 26.8 | 11.4 | 14.0 | 39.4 | 5.1 | 72 | 112 | 289 | 449 | \varnothing 11.0 or less |
| TRCN-28-16-13 | 32.8 | 16.4 | 13.0 | 45.0 | 5.1 | 56 | 90 | 226 | 374 | \varnothing 16.0 or less |
| TRCN-28-16-20 | 32.8 | 16.4 | 20.0 | 45.0 | 5.1 | 79 | 135 | 325 | 579 | \varnothing 16.0 or less |
| TRCN-40-27-15 | 44.6 | 27.4 | 15.0 | 57.3 | 5.1 | 48 | 84 | 195 | 365 | \varnothing 27.0 or less |



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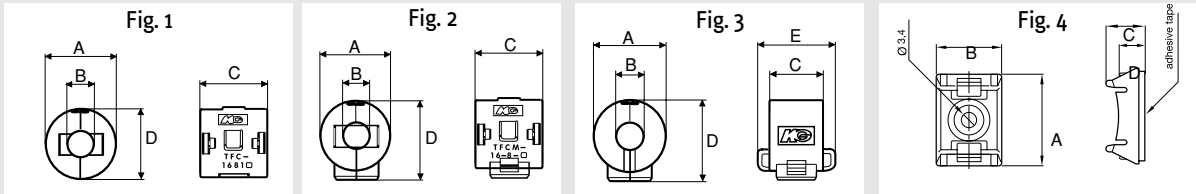
Features

- Employ high-performance ferrites (Nickel-Zinc) effective against high frequency noise
- Ferrite assembly in fully enclosed Nylon 6/6 case, can be installed as a single add-on component by snapping. (UL 94 V-0)
- Special mounting options include adhesive tape, or screw type through holes provided.

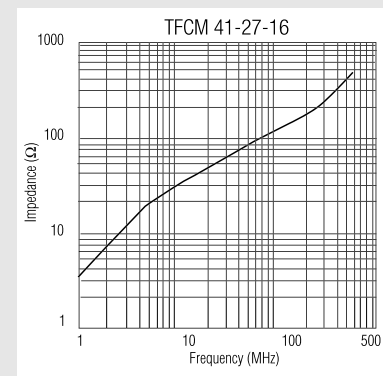
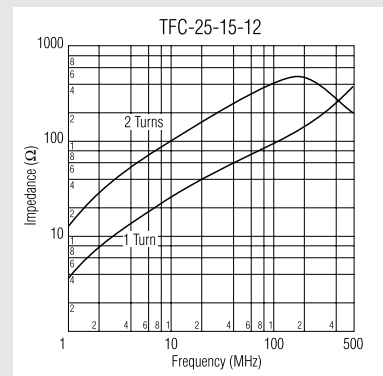
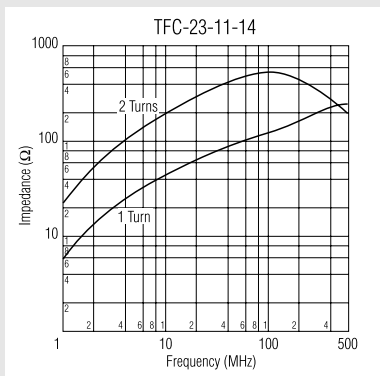
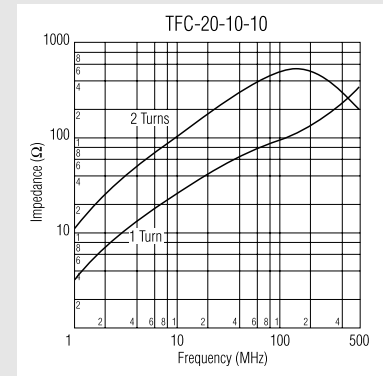
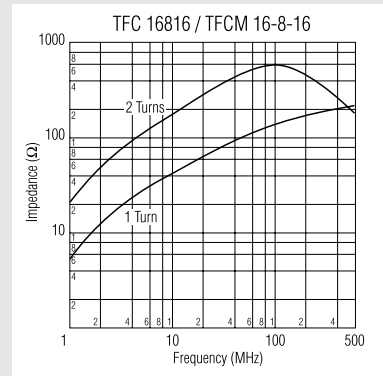
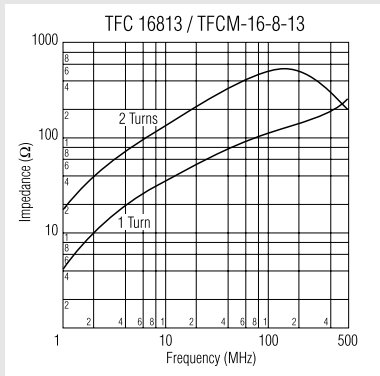


Application

- Superior suppression of radiation emissions for full compliance with FCC, VDE and VCCI on interface/ data line round cables of computers, peripheral/terminal equipment.



| Part No. | Fig. | Unit: mm | | | | | Impedance (Ω) 1 turn | | Impedance (Ω) 2 turn | | Applicable cable diameter (mm) |
|---------------|------|----------|------|------|------|------|----------------------------------|---------|----------------------|---------|--------------------------------|
| | | A | B | C | D | E | 25 MHz | 100 MHz | 25 MHz | 100 MHz | |
| TFC 16813 | 1 | 19.8 | 7.6 | 18.9 | 19.8 | - | 57 | 115 | 237 | 517 | Ø7.2 max |
| TFC 16816 | 1 | 19.8 | 7.6 | 21.9 | 19.8 | - | 73 | 139 | 300 | 597 | Ø7.2 max |
| TFCM 16-8-13 | 2 | 19.8 | 7.6 | 18.9 | 22.3 | - | 57 | 115 | 237 | 517 | Ø7.2 max |
| TFCM 16-8-16 | 2 | 19.8 | 7.6 | 21.9 | 22.3 | - | 73 | 139 | 300 | 597 | Ø7.2 max |
| TFC 20-10-10 | 3 | 24.2 | 8.8 | 13.5 | 27.9 | 19.9 | 47 | 92 | 192 | 410 | Ø8.5 max |
| TFC 23-11-14 | 3 | 27.4 | 10.8 | 17.5 | 31.0 | 23.9 | 72 | 132 | 301 | 547 | Ø10.5 max |
| TFC 25-15-12 | 3 | 28.2 | 13.6 | 13.7 | 30.9 | 20.1 | 41 | 88 | 167 | 390 | Ø13.0 max |
| TFCM 41-27-16 | 1* | 44 | 26.6 | 19.6 | 48.2 | - | 50 | 100 | - | - | Ø26.0 max |
| TFP 2014-T | 4 | 20 | 13.5 | 7.2 | 4.8 | - | Mounting part with adhesive tape | | | | |
| TFP 2014-V | 4 | 20 | 13.5 | 7.2 | 4.8 | - | Mounting part for screw Ø3.4mm | | | | |



1* Sharpe is slightly different, please ask for drawing.

TFCR series (TFC/TFM ferrite with re-use clamp) are available.