

トランス (変圧器)

各種用途に応じた高性能フェライト・高性能電磁鋼板等を素材として、その応用加工製品の製造を行っています。

下記は代表的な仕様を乗せています。下記以外の材料、対応も可能です。小～大ロットまで対応可能です。

またカスタムボビンも低価格にて製作可能です。

トランス、コイル



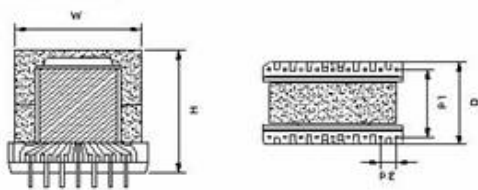
入力される電圧を指定された電圧に変換して出力する電気部品であるトランス (変成器)

電源トランス、スイッチングトランス・チョーク、カレントトランスなど

様々なカスタムトランスを製造、販売をしております。

3. Standard type.

3.1 EER V Type.



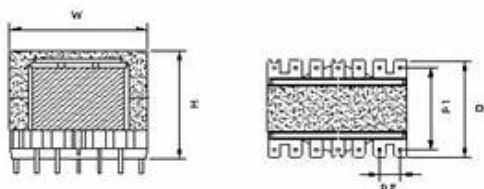
4. Type Specification (Unit:mm)

4.1 EER Type Specification (Unit:mm)

| Croe size | W | H | D | P1 | P2 | Pin Q'ty | V or H type |
|-----------|------|------|------|------|----------|----------|-------------|
| 2820 | 30.0 | 25.0 | 27.0 | 20.0 | 4.0 | 16 | V |
| 2828 | 30.0 | 32.0 | 23.5 | 17.5 | 5.0 | 10 | V |
| | 30.0 | 32.0 | 23.5 | 19.0 | 5.0 | 10 | V |
| | 30.0 | 32.0 | 23.5 | 17.5 | 5.0 | 12 | V |
| | 30.0 | 32.0 | 23.5 | 22.5 | 5.0, 4.0 | 15 | V |
| 2834 | 30.0 | 45.0 | 24.0 | 17.5 | 5.0 | 10 | V |
| | 30.0 | 45.0 | 24.0 | 17.5 | 5.0 | 12 | V |
| | 30.0 | 45.0 | 24.0 | 22.5 | 5.0 | 12 | V |
| | 32.0 | 26.0 | 38.0 | 30.0 | 5.0 | 12 | H |

| Croe size | W | H | D | P1 | P2 | Pin Q'ty | V or H type |
|--------------|------|------|------|------|-----|----------|-------------|
| 3435 (ET034) | 36.0 | 36.0 | 30.0 | 23.0 | 5.0 | 12 | V |
| | 36.0 | 36.0 | 30.0 | 22.5 | 5.0 | 14 | V |
| | 39.0 | 30.0 | 42.0 | 30.5 | 5.0 | 14 | H |
| 3543 | 37.0 | 45.0 | 28.0 | 22.5 | 5.0 | 14 | V |
| | 37.0 | 45.0 | 28.0 | 22.5 | 5.0 | 16 | V |
| 3940 (ET039) | 42.0 | 47.0 | 32.0 | 25.0 | 5.0 | 16 | V |
| | 47.0 | 37.0 | 47.0 | 30.7 | 5.0 | 16 | H |
| 4042 | 43.0 | 44.0 | 32.0 | 25.0 | 5.0 | 12 | V |
| | 43.0 | 44.0 | 32.0 | 25.5 | 5.0 | 14 | V |
| | 43.0 | 44.0 | 32.0 | 25.0 | 5.0 | 14 | V |
| | 43.0 | 44.0 | 32.0 | 25.0 | 5.0 | 16 | V |
| | 46.0 | 44.0 | 32.0 | 25.0 | 5.0 | 18 | V |
| | 42.0 | 34.0 | 39.0 | 31.0 | 5.0 | 14 | H |
| 4215 | 42.0 | 37.0 | 47.0 | 36.5 | 5.0 | 16 | H |
| | 44.0 | 46.0 | 32.0 | 25.0 | 5.0 | 14 | V |
| | 46.0 | 48.0 | 34.0 | 25.0 | 5.0 | 18 | V |
| 4245 | 46.0 | 48.0 | 34.0 | 27.5 | 5.0 | 18 | V |
| | 46.0 | 48.0 | 34.0 | 25.0 | 5.0 | 18 | V |
| 4445 | 48.0 | 49.0 | 34.0 | 25.0 | 5.0 | 18 | V |
| | 47.0 | 42.0 | 46.0 | 39.0 | 5.0 | 18 | H |
| 4950 | 52.0 | 52.0 | 36.0 | 27.5 | 5.0 | 18 | V |
| | 52.0 | 52.0 | 40.0 | 32.5 | 5.0 | 18 | V |
| 4954 | 51.0 | 57.0 | 39.0 | 25.0 | 5.0 | 18 | V |
| | 51.0 | 57.0 | 39.0 | 27.5 | 5.0 | 18 | V |
| 5345 | 55.0 | 47.0 | 42.0 | 32.5 | 5.0 | 18 | V |
| | 55.0 | 48.0 | 42.0 | 32.5 | 5.0 | 18 | V |

3.2 EE, EI V Type.

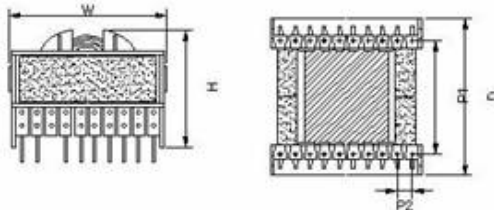


4.2 EE Type Specification (Unit:mm)

| Croe size | W | H | D | P1 | P2 | Pin Q'ty | V or H type |
|-------------|------|------|------|------|------|----------|-------------|
| 1313 | 15.0 | 12.0 | 17.0 | 10.0 | 2.5 | 10 | H |
| 1614 | 18.0 | 18.5 | 14.5 | 10.0 | 3.5 | 8 | V |
| | 18.0 | 18.5 | 14.5 | 9.0 | 3.0 | 10 | V |
| | 17.0 | 12.0 | 18.0 | 13.0 | 3.0 | 10 | H |
| 1616 (EF16) | 18.0 | 21.0 | 15.0 | 7.5 | 3.75 | 6 | V |
| 1916 | 21.0 | 16.0 | 14.0 | 9.0 | 4.25 | 4 | V |
| | 21.0 | 20.0 | 16.0 | 11.0 | 4.0 | 7 | V |
| | 21.0 | 23.0 | 16.0 | 11.0 | 4.0 | 7 | V |
| | 20.0 | 20.0 | 18.0 | 13.0 | 3.5 | 7 | H (5F) |
| | 21.0 | 18.0 | 21.0 | 15.0 | 5.0 | 8 | H (2F) |
| | 21.0 | 19.0 | 16.0 | 11.5 | 3.0 | 12 | V |

| Croe size | W | H | D | P1 | P2 | Pin Q'ty | V or H type |
|-------------|------|------|------|------|----------|----------|-------------|
| 2020 (EF20) | 22.0 | 24.0 | 15.0 | 10.0 | 5.0 | 6 | V |
| 2218 | 24.0 | 22.0 | 19.0 | 12.5 | 5.0 | 8 | V |
| | 24.0 | 22.0 | 21.0 | 16.0 | 5.0 | 8 | V |
| | 24.0 | 22.0 | 19.0 | 12.0 | 4.0 | 10 | V |
| 2519 | 26.0 | 24.0 | 19.0 | 12.5 | 5.0 | 8 | V |
| | 26.0 | 20.0 | 25.0 | 15.3 | 5.0 | 10 | H |
| 2525 (EF25) | 26.0 | 28.0 | 19.0 | 12.5 | 5.0 | 10 | V |
| | 27.0 | 22.0 | 28.0 | 20.0 | 5.0 | 8 | H |
| | 27.0 | 22.0 | 28.0 | 20.0 | 5.0 | 8 | H (2F) |
| | 27.0 | 22.0 | 28.0 | 20.0 | 5.0 | 8 | H (2F) |
| | 29.0 | 22.0 | 29.0 | 20.5 | 5.0 | 10 | H |
| | 29.0 | 22.0 | 29.0 | 20.5 | 5.0 | 10 | H (2F) |
| 2821 | 30.0 | 24.0 | 23.0 | 17.5 | 5.0 | 10 | V |
| | 36.0 | 28.0 | 25.0 | 17.5 | 5.0, 3.5 | 15 | V |
| | 36.0 | 28.0 | 28.0 | 17.5 | 5.0, 3.5 | 15 | V (5F) |
| 3036 | 32.0 | 28.0 | 24.0 | 17.5 | 5.0 | 10 | V |
| | 32.0 | 28.0 | 28.0 | 20.0 | 5.0 | 12 | V |
| 3030 | 32.0 | 22.0 | 32.0 | 20.5 | 5.0 | 12 | H |
| 3232 (EF32) | 34.0 | 22.0 | 32.0 | 26.5 | 5.0 | 12 | H |
| 3329 | 35.5 | 32.0 | 30.0 | 22.5 | 5.0 | 14 | V |
| 3530 | 37.0 | 32.0 | 27.0 | 20.0 | 5.0 | 10 | V |
| 4133 | 36.0 | 30.0 | 33.0 | 23.8 | 5.0 | 14 | H |
| 4215 | 44.0 | 46.0 | 37.0 | 27.5 | 5.0 | 16 | V |
| 4220 | 46.0 | 48.0 | 39.0 | 27.5 | 5.0 | 18 | V |
| 5555 | 63.0 | 62.0 | 44.0 | 35.5 | 5.0 | 22 | V |
| | 63.0 | 59.0 | 43.0 | 35.5 | 5.0 | 22 | V |

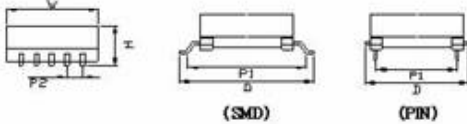
3.3 ER, EE, EI H Type.



4.3 EFD Type Specification (Unit:mm)

| Core size | W | H | SMD TYPE | | PIN TYPE | | P2 | Pin Qty | PIN SIZE |
|-----------|------|------|----------|-------|----------|-------|------|---------|----------|
| | | | D | P1 | D | P1 | | | |
| 10 | 13.0 | 6.50 | 19.0 | 12.0 | - | - | 3.0 | 8 | 0.3 |
| 12 | 14.5 | 7.50 | 21.0 | 13.04 | - | - | 3.0 | 8 | 0.3 |
| 15 | 16.5 | 9.00 | - | - | 17.0 | 13.75 | 3.75 | 8 | φ0.6 |
| | 16.5 | 9.00 | 22.0 | 18.2 | - | - | 2.50 | 10 | 0.40 |
| | 17.5 | 9.00 | 23.0 | 16.0 | - | - | 3.75 | 8 | 0.30 |
| 20 | 21.0 | 11.0 | - | - | 21.0 | 17.5 | 5.0 | 8 | φ0.6 |
| | 22.5 | 11.0 | - | - | 29.0 | - | 5.0 | 10 | φ0.7 |
| | 22.5 | 11.0 | 21.0 | 21.0 | - | - | 3.75 | 10 | 0.3 |
| 25 | 26.5 | 13.5 | - | - | 27.5 | 22.5 | 5.0 | 10 | φ0.8 |
| 30 | 30.5 | 13.5 | - | - | 32.5 | 27.5 | 5.0 | 12 | φ0.8 |

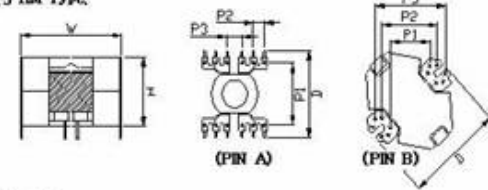
3.4 EFD Type.



4.4 RM Type Specification (Unit:mm)

| Core size | W | H | D | P1 | P2 | P3 | Pin Qty | PIN SIZE | TYPE |
|-----------|------|------|------|-------|-------|-------|---------|----------|-------|
| RM4 | 12.0 | 11.0 | 14.0 | 2.54 | 7.62 | - | 6 | 0.5 | PIN |
| | 12.0 | 11.0 | 18.0 | 7.80 | 3.0 | - | 8 | 0.35 | SMD |
| RM5 | 15.5 | 12.0 | 15.0 | 5.08 | 10.16 | - | 4 | 0.5 | PIN |
| | 15.5 | 12.0 | 19.0 | 11.2 | 3.75 | - | 8 | 0.30 | SMD |
| RM6 | 16.5 | 13.0 | 16.0 | 7.62 | 12.7 | - | 4 | 0.6 | PIN B |
| | 16.5 | 13.0 | 16.0 | 7.62 | 12.7 | - | 6 | 0.5 | PIN B |
| | 16.5 | 13.0 | 16.0 | 7.62 | 12.7 | - | 8 | 0.5 | PIN B |
| RM8 | 20.5 | 17.5 | 20.0 | 7.62 | 12.7 | 17.78 | 12 | 0.6 | PIN B |
| | 20.5 | 17.5 | 20.0 | 7.62 | 12.7 | 17.78 | 12 | 0.6 | PIN B |
| | 20.5 | 17.5 | 30.0 | 20.32 | 3.81 | 5.08 | 12 | 0.6 | PIN A |
| RM10 | 30.0 | 19.5 | 40.0 | 27.94 | 3.81 | 5.08 | 12 | 1.0 | PIN A |
| | 30.0 | 19.5 | 30.0 | 10.16 | 15.24 | 20.32 | 12 | 0.6 | PIN B |
| RM12 | 39.5 | 26.0 | 46.0 | 33.02 | 5.08 | 5.08 | 12 | 1.0 | PIN A |
| | 39.5 | 26.0 | 39.5 | 12.7 | 22.86 | 27.94 | 12 | 0.6 | PIN B |
| RM14 | 43.5 | 31.0 | 50.0 | 35.56 | 5.08 | 7.62 | 12 | 1.0 | PIN A |
| | 43.5 | 31.0 | 43.5 | 12.7 | 22.86 | 33.02 | 12 | 0.6 | PIN B |

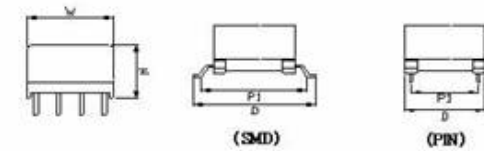
3.5 RM Type.



4.5 EP Type Specification (Unit:mm)

| Core size | W | H | SMD TYPE | | PIN TYPE | | P2 | Pin Qty | PIN SIZE |
|-----------|------|------|----------|-------|----------|-------|------|---------|----------|
| | | | D | P1 | D | P1 | | | |
| EP7 | 11.0 | 12.0 | - | - | 9.5 | 5.08 | 5.08 | 4 | φ0.5 |
| | 11.0 | 12.0 | - | - | 9.5 | 5.08 | 2.54 | 6 | φ0.5 |
| | 11.0 | 11.0 | 14.0 | 7.20 | - | - | 3.0 | 6 | 0.3 |
| EP10 | 13.5 | 16.0 | - | - | 12.0 | 7.62 | 5.08 | 8 | φ0.45 |
| | 13.5 | 14.0 | 18.5 | 9.6 | - | - | 2.5 | 8 | 0.35 |
| EP13 | 14.5 | 17.0 | - | - | 14.5 | 10.16 | 2.54 | 10 | φ0.6 |
| | 14.5 | 14.0 | 20.0 | 11.85 | - | - | 2.5 | 10 | 0.35 |
| EP17 | 21.0 | 19.0 | - | - | 21.0 | 15.0 | 5.0 | 8 | φ0.6 |
| EP20 | 25.5 | 23.0 | - | - | 22.5 | 17.78 | 5.08 | 10 | φ0.6 |

3.6 EP Type.



ラインフィルター

製品から出るノイズを
削除します。



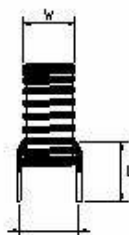
チョークコイル



スロットトランス



トロイダルコイル



CUSTOMER DESIGN



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