



## 100/1000M Base Transformer

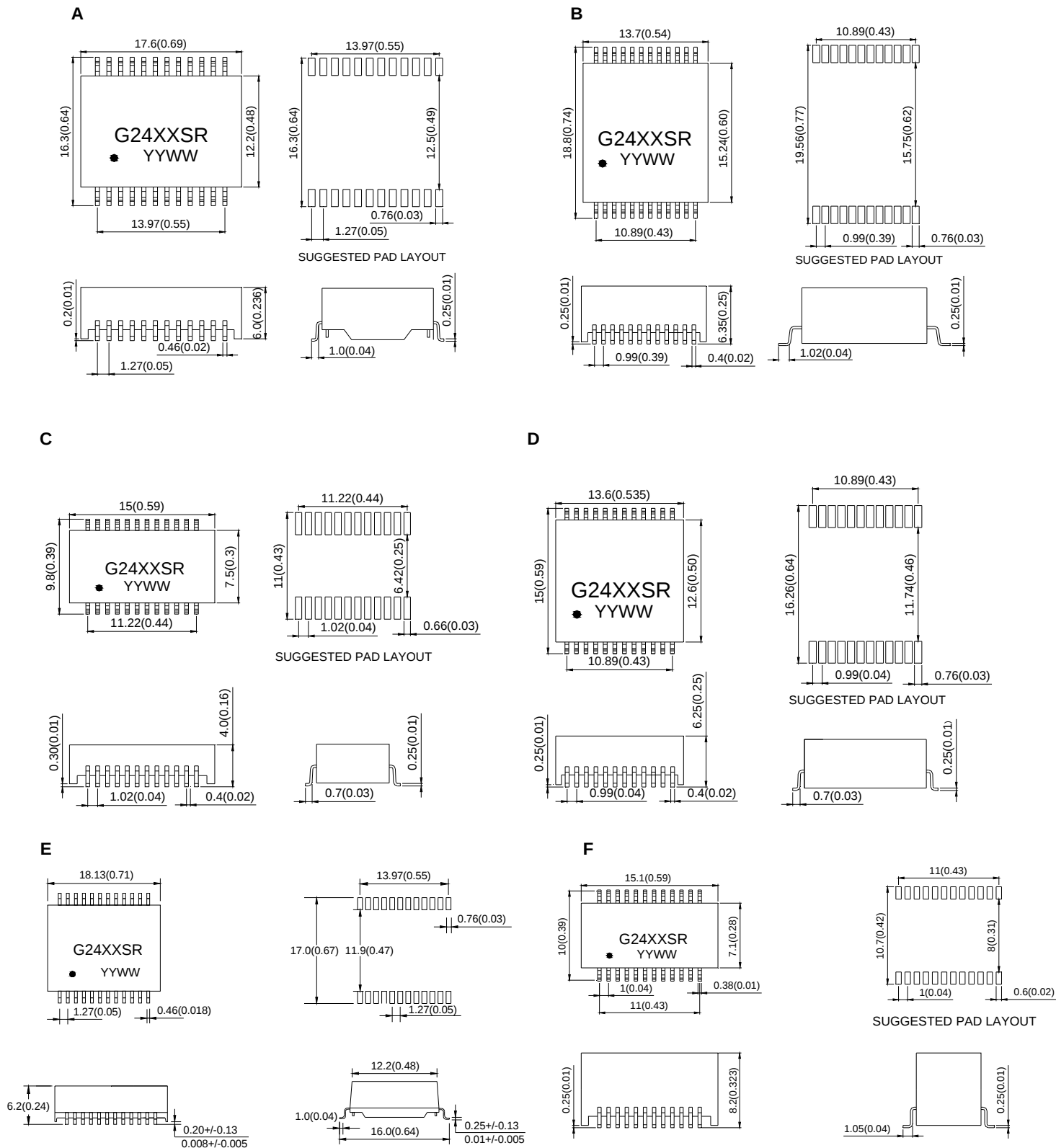
### Features

- Cable interface for isolation and low common mode emissions
- Compliant with IEEE 802.3 standard for 1000Base-T
- Surface Mount Type
- RoHS complian

| Electrical Specification@25°C    Operating Temperature 0 to 70°C |                |                |       |       |       |            |        |            |        |            |         |
|------------------------------------------------------------------|----------------|----------------|-------|-------|-------|------------|--------|------------|--------|------------|---------|
| Part No.                                                         | Insertion loss | Return loss    |       |       |       | CMRR       |        | Cross talk |        | Isolation  | Package |
|                                                                  | (dB Max)       | (dB Typical .) |       |       |       | (dB Min .) |        | (dB Min .) |        | Voltage    |         |
|                                                                  | MHz            | MHz            |       |       |       | MHz        |        | MHz        |        | (Vrms Min) |         |
|                                                                  | 1-100          | 1-30           | 40    | 50    | 60-80 | 0.1-60     | 60-100 | 0.1-60     | 60-100 |            |         |
| G2401SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | A       |
| G2402SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | E       |
| G2402BSR                                                         | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | A       |
| G2403SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | B       |
| G2404SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | B       |
| G2405SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | B       |
| G2407SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | B       |
| G2409SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | D       |
| G2410SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | A       |
| G2411SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | A       |
| G2412SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | B       |
| G2413SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | A       |
| G2417SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | D       |
| G2418SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | A       |
| G2419SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | B       |
| G2425SR                                                          | -2.0           | -18            | -14.0 | -10.0 | -6    | -42        | -40    | -40        | -38    | 5000       | A       |
| G2429SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | A       |
| G2432SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | B       |
| G2434SR                                                          | -1.0           | -18            | -14.4 | -13.1 | -12   | -42        | -40    | -40        | -38    | 1500       | F       |



Dimension: mm(inch)+/-0.25(0.01)

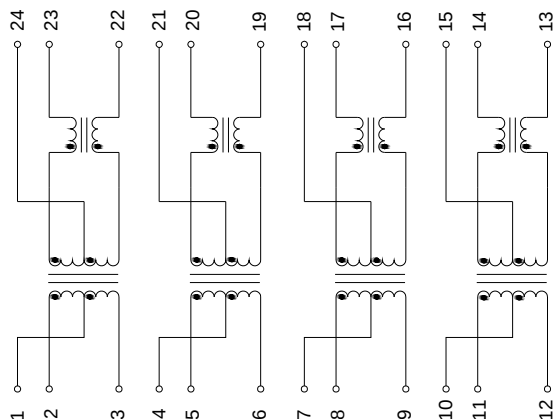




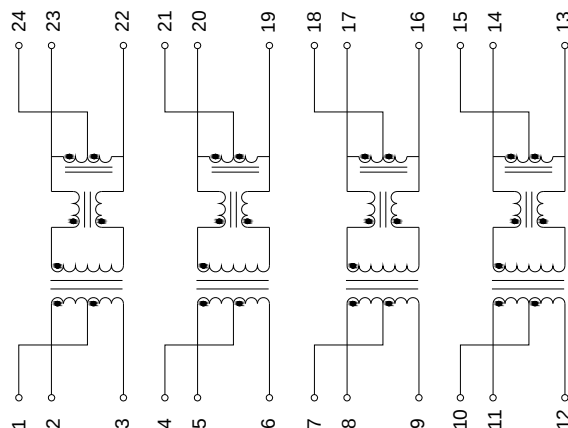
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Schematic

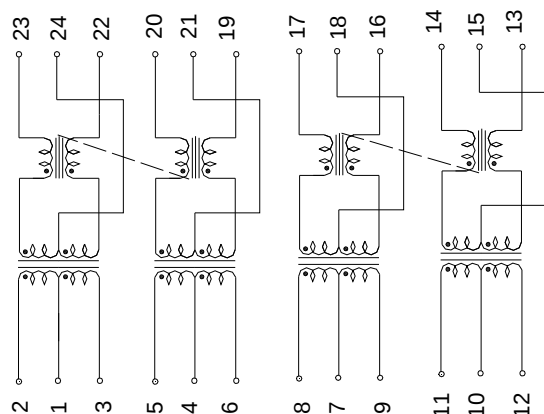
G2401SR,G2404SR,G2409SR,G2425SR



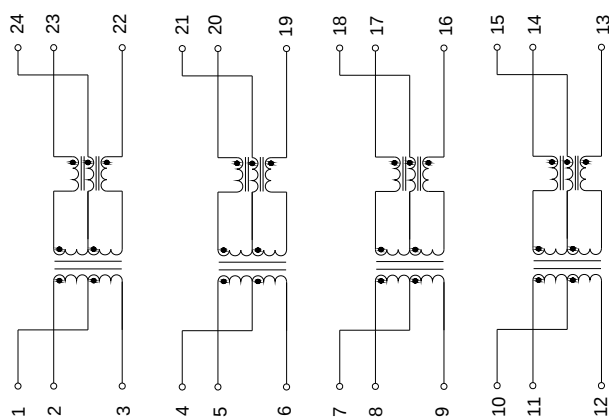
G2402SR,G2402BSR,G2403SR



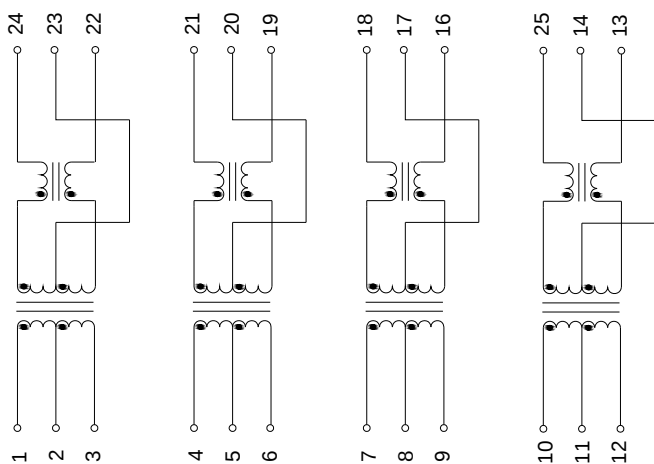
G2410SR



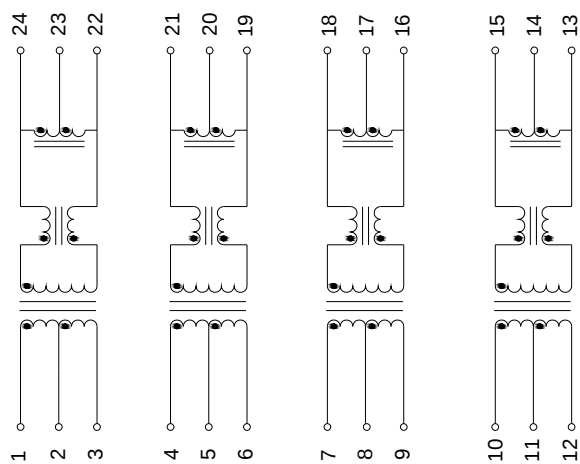
G2405SR



G2407SR



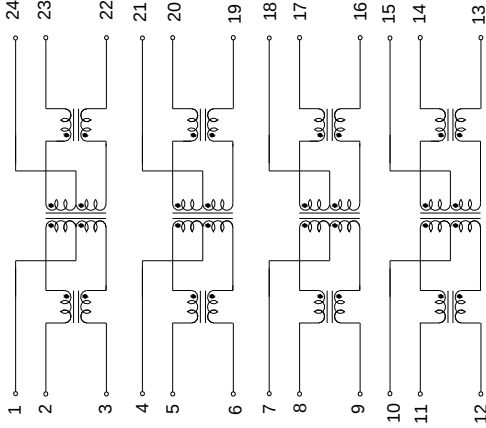
G2412SR



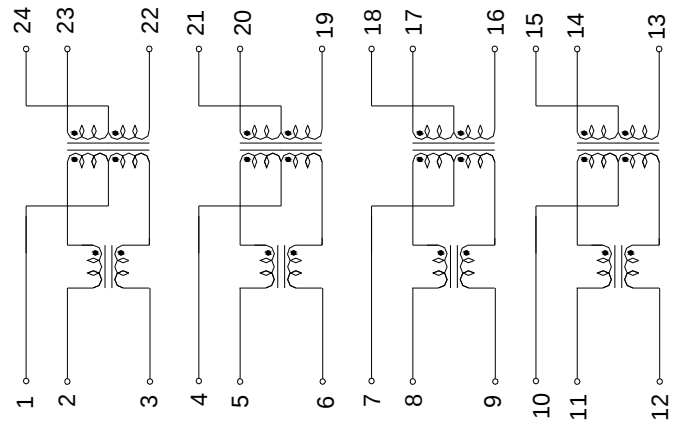


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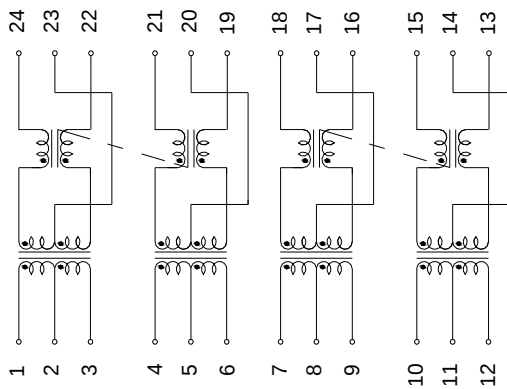
G2413SR,G2434SR



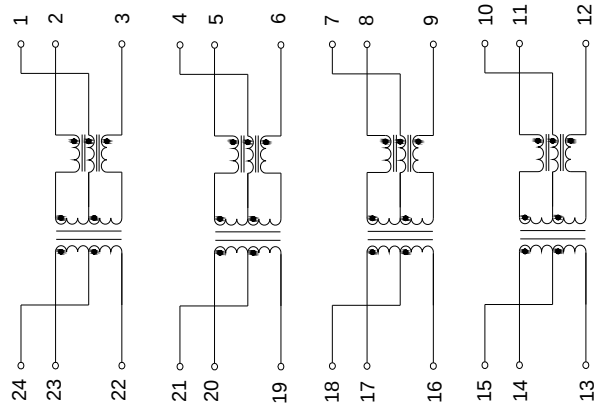
G2411SR



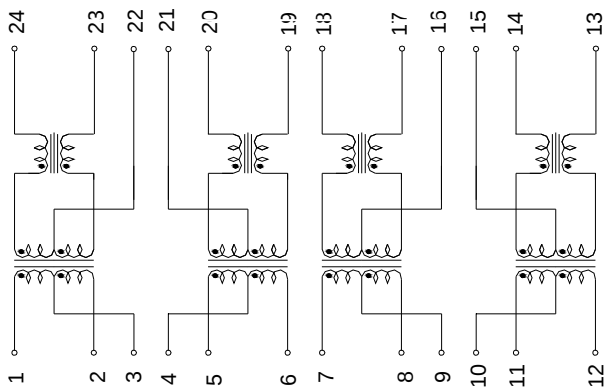
G2417SR



G2418SR,G2432SR



G2419SR



G2429SR

