

STANDARD  
ENCAPSULATED  
TRANSFORMER



- Power – 0.6VA to 36VA
- Dielectric Strength – 3750Vrms
- High ambient operation temperature (+70°C maximum)
- Primary (115V 60Hz or 230V 50Hz)
- Secondary – Single or Dual
- Insulation Class – Class B (130°C)
- Safety Approvals – UL506, CSA C22.2 #6, TUV / EN61558, CE

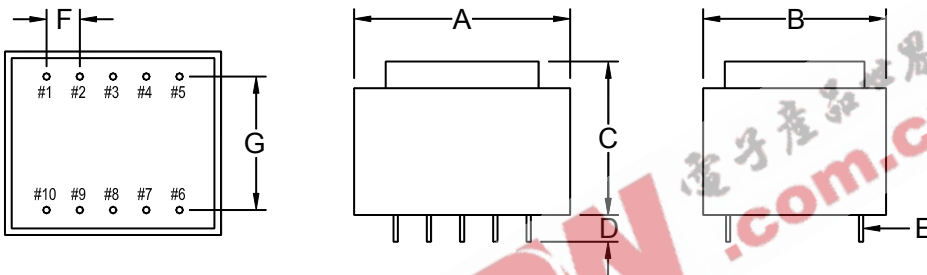
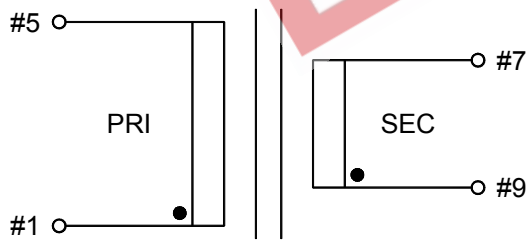
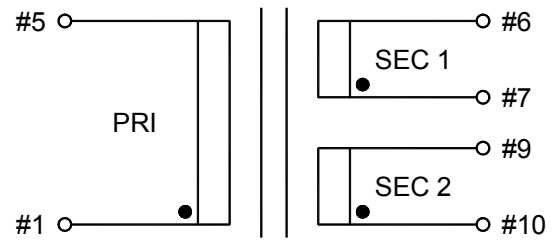


Fig A

Empty pin shall be omitted if necessary.



Single Output



Double Output

| Series         | Dimension (mm) |      |      |      |           |      |      |
|----------------|----------------|------|------|------|-----------|------|------|
|                | A              | B    | C    | D    | E         | F    | G    |
| 0.6 (VA)       | 32.6           | 27.6 | 15.2 | 4.0  | 0.64x0.64 | 5.0  | 20.0 |
| 1.0 (VA)       | 32.3           | 27.3 | 22.8 | 4.0  | 0.64x0.64 | 5.0  | 20.0 |
| 1.2 (VA)       | 32.3           | 27.3 | 22.8 | 4.0  | 0.64x0.64 | 5.0  | 20.0 |
| 1.5 (VA)       | 32.3           | 27.3 | 22.8 | 4.0  | 0.64x0.64 | 5.0  | 20.0 |
| 1.8 (VA)       | 32.6           | 27.6 | 27.8 | 4.0  | 0.64x0.64 | 5.0  | 20.0 |
| 2.1 (VA)       | 32.6           | 27.6 | 27.8 | 4.0  | 0.64x0.64 | 5.0  | 20.0 |
| 2.3 (VA)       | 32.6           | 27.6 | 29.8 | 4.0  | 0.64x0.64 | 5.0  | 20.0 |
| 2.4 (VA)       | 32.6           | 27.6 | 27.8 | 4.0  | 0.64x0.64 | 5.0  | 20.0 |
| 2.7 (VA)       | 32.6           | 27.6 | 29.8 | 4.0  | 0.64x0.64 | 5.0  | 20.0 |
| 2.8 (VA)       | 32.6           | 27.6 | 29.8 | 4.0  | 0.64x0.64 | 5.0  | 20.0 |
| Tolerance (mm) | ±0.5           | ±0.5 | ±0.5 | ±1.0 | ±0.1      | ±0.2 | ±0.5 |

STANDARD  
ENCAPSULATED  
TRANSFORMER

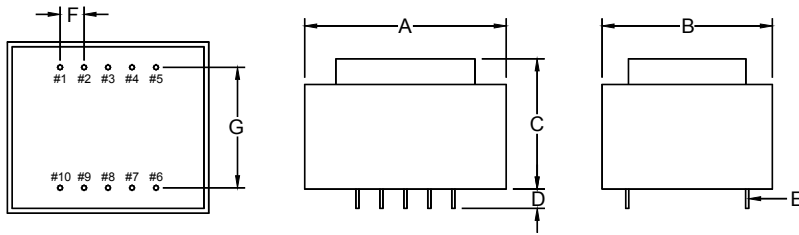


Fig B

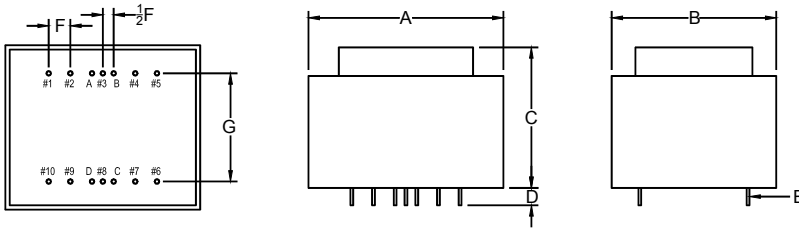


Fig C

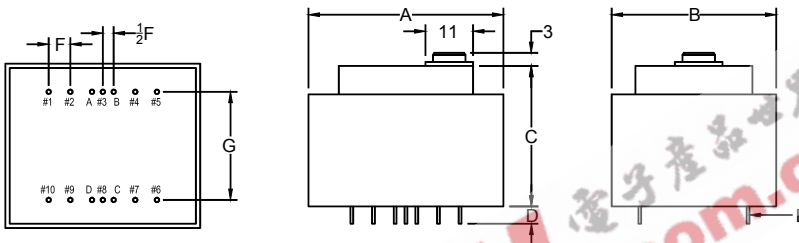


Fig D

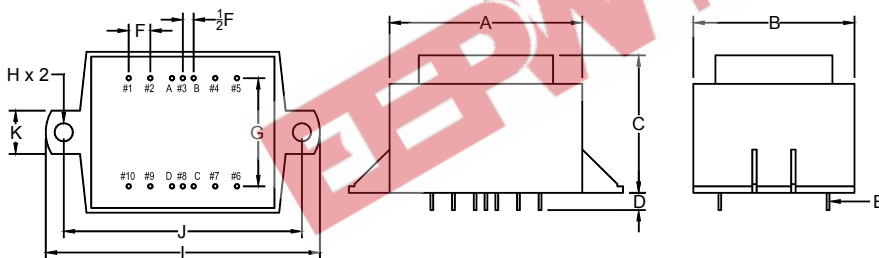
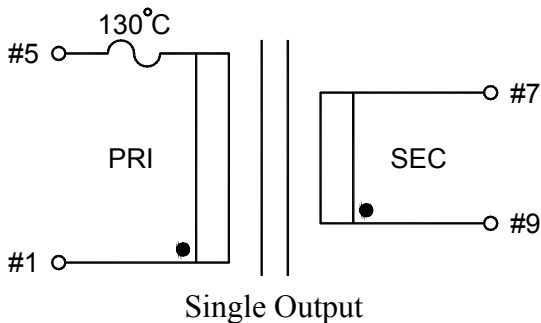
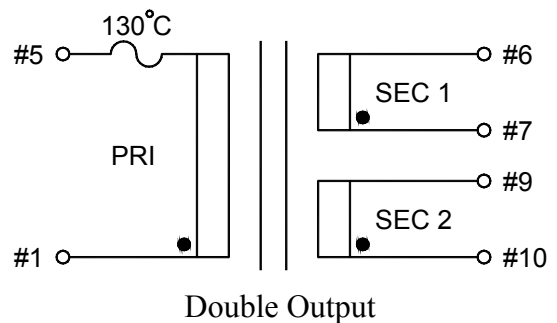


Fig E

Empty pin shall be omitted if necessary.



Single Output



Double Output

| Series         | Dimension (mm) |      |      |      |           |      |      |      |      |      |      | Fig     |
|----------------|----------------|------|------|------|-----------|------|------|------|------|------|------|---------|
|                | A              | B    | C    | D    | E         | F    | G    | H    | I    | J    | K    |         |
| 3.2 (VA)       | 41.5           | 35.5 | 28.5 | 4.0  | 0.64x0.64 | 5.0  | 25.0 | --   | --   | --   | --   | B       |
| 4.0 (VA)       | 41.5           | 35.5 | 28.5 | 4.0  | 0.64x0.64 | 5.0  | 25.0 | --   | --   | --   | --   |         |
| 5.0 (VA)       | 45.5           | 38.5 | 33.5 | 4.0  | 0.64x0.64 | 5.0  | 25.0 | 4.2  | 64.0 | 55.0 | 10.0 | C, D, E |
| Tolerance (mm) | Max.           | Max. | Max. | ±1.0 | ±0.1      | ±0.2 | ±0.5 | ±0.2 | Max  | ±0.5 | ±0.5 |         |

STANDARD  
ENCAPSULATED  
TRANSFORMER

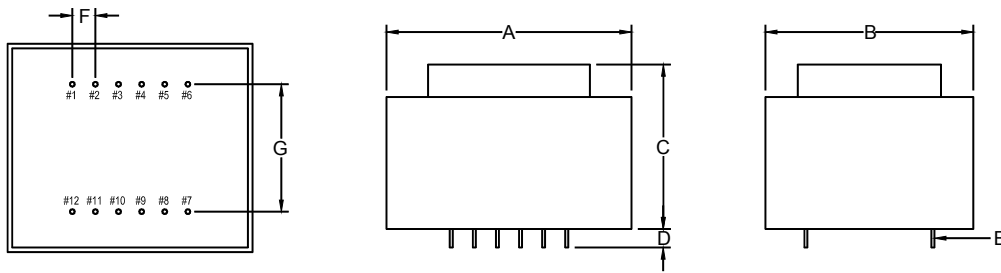


Fig F

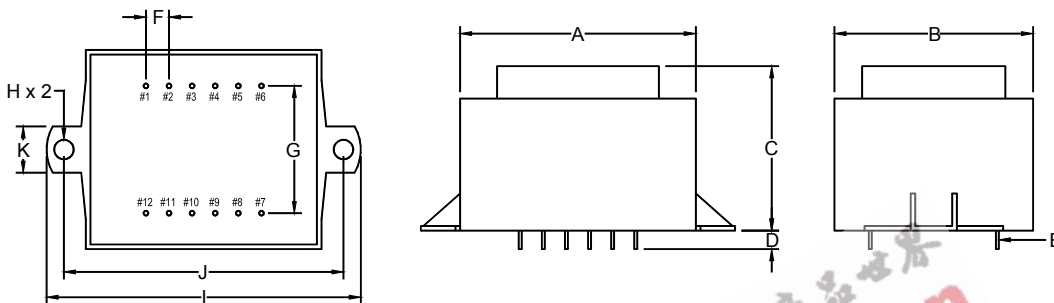


Fig G

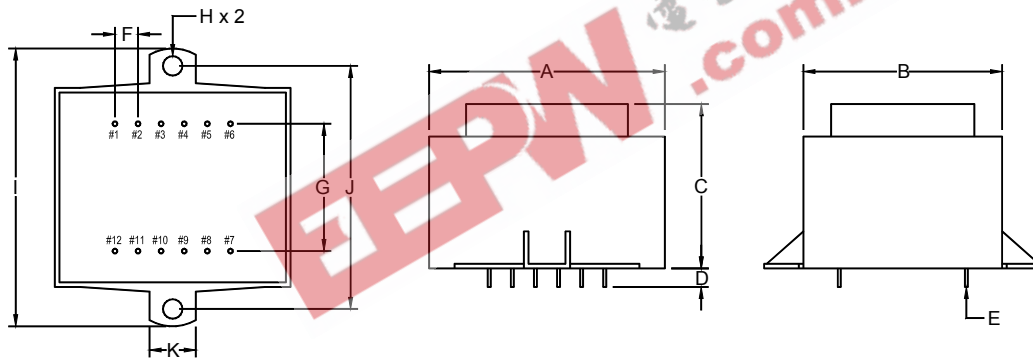
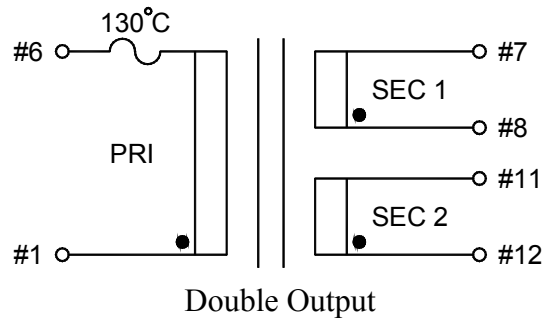
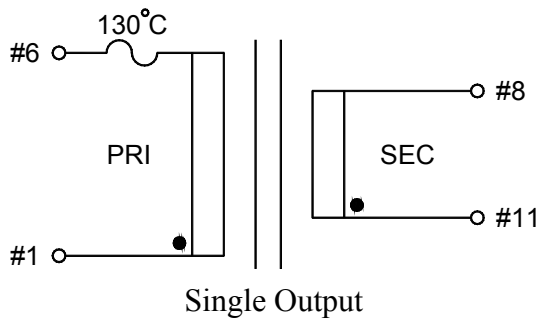


Fig H

Empty pin shall be omitted if necessary.



| Series         | Dimension (mm) |      |      |      |           |      |      |      |      |      |      |
|----------------|----------------|------|------|------|-----------|------|------|------|------|------|------|
|                | A              | B    | C    | D    | E         | F    | G    | H    | I    | J    | K    |
| 8.0 (VA)       | 53.0           | 45.0 | 35.5 | 4.0  | 0.64x0.64 | 5.0  | 27.5 | ∅4.2 | 67.0 | 60.5 | 10.0 |
| 10 (VA)        | 53.0           | 45.0 | 35.5 | 4.0  | 0.64x0.64 | 5.0  | 27.5 | ∅4.2 | 59.0 | 52.5 | 10.0 |
| Tolerance (mm) | Max.           | Max. | Max. | ±1.0 | ±0.1      | ±0.2 | ±0.5 | ±0.2 | Max. | ±0.5 | ±0.5 |

STANDARD  
ENCAPSULATED  
TRANSFORMER

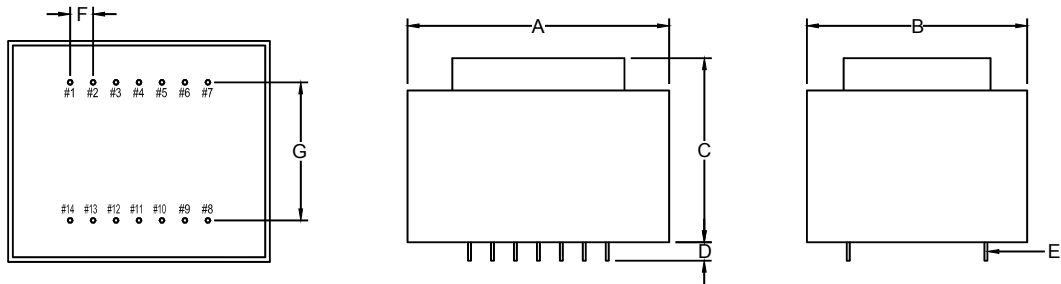


Fig I

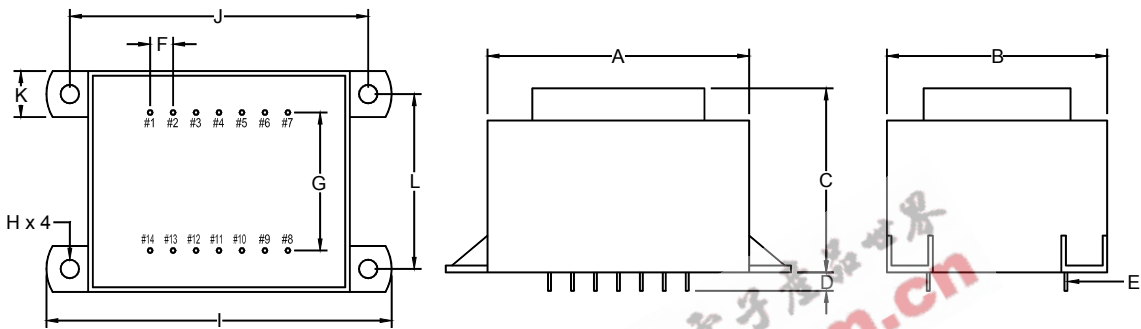
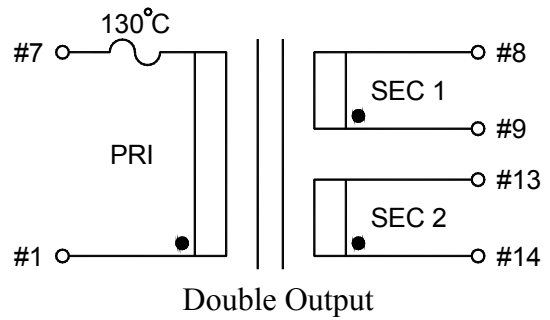
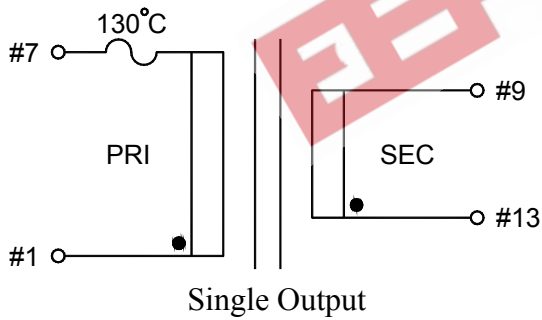


Fig J

Empty pin shall be omitted if necessary.



| Series         | Dimension (mm) |      |      |      |           |      |      |      |      |      |      |      |
|----------------|----------------|------|------|------|-----------|------|------|------|------|------|------|------|
|                | A              | B    | C    | D    | E         | F    | G    | H    | I    | J    | K    | L    |
| 16 (VA)        | 58.5           | 49.5 | 40.0 | 4.0  | 0.64x0.64 | 5.0  | 30.0 | ∅4.2 | 76.5 | 65.0 | 10.0 | 37.5 |
| Tolerance (mm) | Max.           | Max. | Max. | ±1.0 | ±0.1      | ±0.2 | ±0.5 | ±0.2 | Max. | ±0.5 | ±0.5 | ±0.5 |

STANDARD  
ENCAPSULATED  
TRANSFORMER

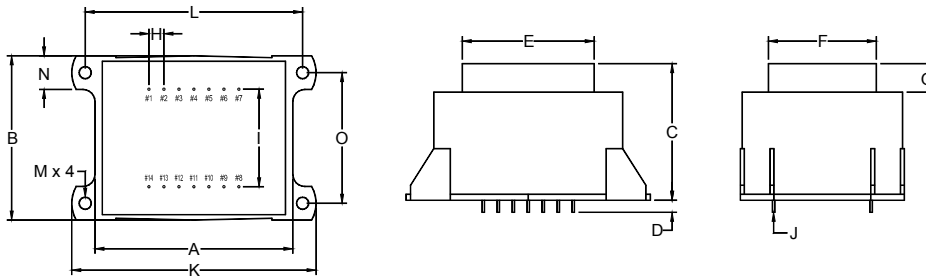
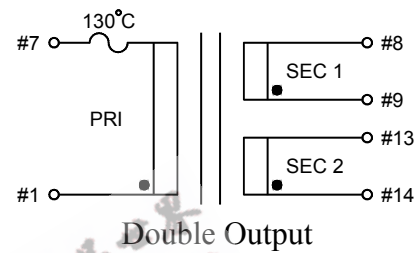
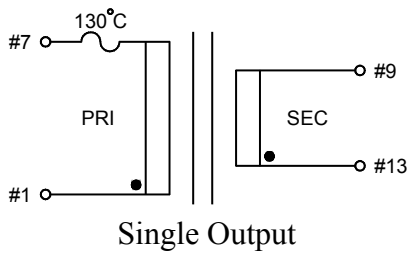


Fig K

Empty pin shall be omitted if necessary.



| Series         | Dimension (mm) |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------|------|------|------|------|------|------|------|------|------|------|------|
|                | A              | B    | C    | D    | E    | F    | G    | H    | I    | J    | K    | L    |
| 20 (VA)        | 67.0           | 56.0 | 46.5 | 4.0  | ∅0.8 | 5.0  | 32.5 | ∅4.2 | 82.5 | 72.5 | 11.2 | 43.5 |
| 22 (VA)        | 67.0           | 56.0 | 46.5 | 4.0  | ∅0.8 | 5.0  | 32.5 | ∅4.2 | 82.5 | 72.5 | 11.2 | 43.5 |
| 25 (VA)        | 67.0           | 56.0 | 46.5 | 4.0  | ∅0.8 | 5.0  | 32.5 | ∅4.2 | 82.5 | 72.5 | 11.2 | 43.5 |
| Tolerance (mm) | Max.           | Max. | Max. | ±1.0 | ±0.1 | ±0.2 | ±0.5 | ±0.2 | Max. | ±0.5 | ±0.5 | ±0.5 |

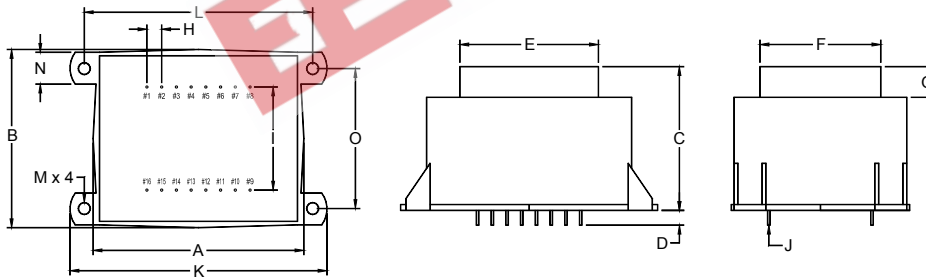
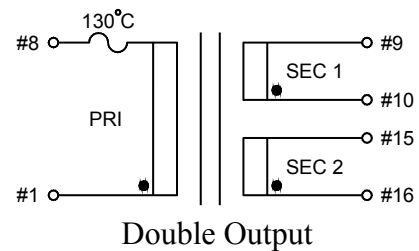
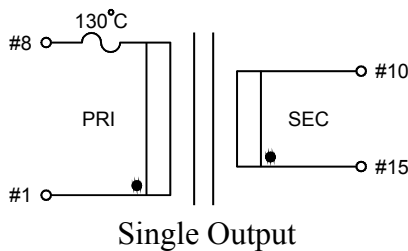


Fig L

Empty pin shall be omitted if necessary.



| Series         | Dimension (mm) |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------|------|------|------|------|------|------|------|------|------|------|------|
|                | A              | B    | C    | D    | E    | F    | G    | H    | I    | J    | K    | L    |
| 30 (VA)        | 72.5           | 61.0 | 50.0 | 4.0  | ∅0.8 | 5.0  | 35.0 | ∅4.2 | 88.0 | 77.5 | 10.8 | 47.5 |
| 36 (VA)        | 72.5           | 61.0 | 50.0 | 4.0  | ∅0.8 | 5.0  | 35.0 | ∅4.2 | 88.0 | 77.5 | 10.8 | 47.5 |
| Tolerance (mm) | Max.           | Max. | Max. | ±1.0 | ±0.1 | ±0.2 | ±0.5 | ±0.2 | Max. | ±0.5 | ±0.5 | ±0.5 |

STANDARD  
ENCAPSULATED  
TRANSFORMER

| Series | Part Number<br>230V/50Hz | Part Number<br>115V/60Hz | Output<br>Voltage<br>(V) | Output<br>Current<br>(mA) | Part Number<br>230V/50Hz | Part Number<br>115V/60Hz | Output<br>Voltage<br>(V) | Output<br>Current<br>(mA) |
|--------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|---------------------------|
| 0.6VA  | TL30S-060-100            | TL30US-060-100           | 6                        | 100                       | TL30D-060-050            | TL30UD-060-050           | 6 x 2                    | 50                        |
|        | TL30S-072-083            | TL30US-072-083           | 7.2                      | 83                        | TL30D-072-042            | TL30UD-072-042           | 7.2 x 2                  | 42                        |
|        | TL30S-090-067            | TL30US-090-067           | 9                        | 67                        | TL30D-090-033            | TL30UD-090-033           | 9 x 2                    | 33                        |
|        | TL30S-100-060            | TL30US-100-060           | 10                       | 60                        | TL30D-100-030            | TL30UD-100-030           | 10 x 2                   | 30                        |
|        | TL30S-120-050            | TL30US-120-050           | 12                       | 50                        | TL30D-120-025            | TL30UD-120-025           | 12 x 2                   | 25                        |
|        | TL30S-150-040            | TL30US-150-040           | 15                       | 40                        | TL30D-150-020            | TL30UD-150-020           | 15 x 2                   | 20                        |
|        | TL30S-180-033            | TL30US-180-033           | 18                       | 33                        | TL30D-180-017            | TL30UD-180-017           | 18 x 2                   | 17                        |
|        | TL30S-240-025            | TL30US-240-025           | 24                       | 25                        | TL30D-240-012            | TL30UD-240-012           | 24 x 2                   | 12                        |
| 1.0VA  | TL30S-060-167            | TL30US-060-167           | 6                        | 167                       | TL30D-060-083            | TL30UD-060-083           | 6 x 2                    | 83                        |
|        | TL30S-072-139            | TL30US-072-139           | 7.2                      | 139                       | TL30D-072-069            | TL30UD-072-069           | 7.2 x 2                  | 69                        |
|        | TL30S-090-111            | TL30US-090-111           | 9                        | 111                       | TL30D-090-056            | TL30UD-090-056           | 9 x 2                    | 56                        |
|        | TL30S-100-100            | TL30US-100-100           | 10                       | 100                       | TL30D-100-050            | TL30UD-100-050           | 10 x 2                   | 50                        |
|        | TL30S-120-083            | TL30US-120-083           | 12                       | 83                        | TL30D-120-042            | TL30UD-120-042           | 12 x 2                   | 42                        |
|        | TL30S-150-067            | TL30US-150-067           | 15                       | 67                        | TL30D-150-033            | TL30UD-150-033           | 15 x 2                   | 33                        |
|        | TL30S-180-056            | TL30US-180-056           | 18                       | 56                        | TL30D-180-028            | TL30UD-180-028           | 18 x 2                   | 28                        |
|        | TL30S-240-042            | TL30US-240-042           | 24                       | 42                        | TL30D-240-021            | TL30UD-240-021           | 24 x 2                   | 21                        |
| 1.2VA  | TL30S-060-200            | TL30US-060-200           | 6                        | 200                       | TL30D-060-100            | TL30UD-060-100           | 6 x 2                    | 100                       |
|        | TL30S-072-167            | TL30US-072-167           | 7.2                      | 167                       | TL30D-072-083            | TL30UD-072-083           | 7.2 x 2                  | 83                        |
|        | TL30S-090-133            | TL30US-090-133           | 9                        | 133                       | TL30D-090-067            | TL30UD-090-067           | 9 x 2                    | 67                        |
|        | TL30S-100-120            | TL30US-100-120           | 10                       | 120                       | TL30D-100-060            | TL30UD-100-060           | 10 x 2                   | 60                        |
|        | TL30S-120-100            | TL30US-120-100           | 12                       | 100                       | TL30D-120-050            | TL30UD-120-050           | 12 x 2                   | 50                        |
|        | TL30S-150-080            | TL30US-150-080           | 15                       | 80                        | TL30D-150-040            | TL30UD-150-040           | 15 x 2                   | 40                        |
|        | TL30S-180-067            | TL30US-180-067           | 18                       | 67                        | TL30D-180-033            | TL30UD-180-033           | 18 x 2                   | 33                        |
|        | TL30S-240-050            | TL30US-240-050           | 24                       | 50                        | TL30D-240-025            | TL30UD-240-025           | 24 x 2                   | 25                        |
| 1.5VA  | TL30S-060-250            | TL30US-060-250           | 6                        | 250                       | TL30D-060-125            | TL30UD-060-125           | 6 x 2                    | 125                       |
|        | TL30S-072-208            | TL30US-072-208           | 7.2                      | 208                       | TL30D-072-104            | TL30UD-072-104           | 7.2 x 2                  | 104                       |
|        | TL30S-090-167            | TL30US-090-167           | 9                        | 167                       | TL30D-090-083            | TL30UD-090-083           | 9 x 2                    | 83                        |
|        | TL30S-100-150            | TL30US-100-150           | 10                       | 150                       | TL30D-100-075            | TL30UD-100-075           | 10 x 2                   | 75                        |
|        | TL30S-120-125            | TL30US-120-125           | 12                       | 125                       | TL30D-120-062            | TL30UD-120-062           | 12 x 2                   | 62                        |
|        | TL30S-150-100            | TL30US-150-100           | 15                       | 100                       | TL30D-150-050            | TL30UD-150-050           | 15 x 2                   | 50                        |
|        | TL30S-180-083            | TL30US-180-083           | 18                       | 83                        | TL30D-180-042            | TL30UD-180-042           | 18 x 2                   | 42                        |
|        | TL30S-240-062            | TL30US-240-062           | 24                       | 62                        | TL30D-240-031            | TL30UD-240-031           | 24 x 2                   | 31                        |
| 1.8VA  | TL30S-060-300            | TL30US-060-300           | 6                        | 300                       | TL30D-060-150            | TL30UD-060-150           | 6 x 2                    | 150                       |
|        | TL30S-072-250            | TL30US-072-250           | 7.2                      | 250                       | TL30D-072-125            | TL30UD-072-125           | 7.2 x 2                  | 125                       |
|        | TL30S-090-200            | TL30US-090-200           | 9                        | 200                       | TL30D-090-100            | TL30UD-090-100           | 9 x 2                    | 100                       |
|        | TL30S-100-180            | TL30US-100-180           | 10                       | 180                       | TL30D-100-090            | TL30UD-100-090           | 10 x 2                   | 90                        |
|        | TL30S-120-150            | TL30US-120-150           | 12                       | 150                       | TL30D-120-075            | TL30UD-120-075           | 12 x 2                   | 75                        |
|        | TL30S-150-120            | TL30US-150-120           | 15                       | 120                       | TL30D-150-060            | TL30UD-150-060           | 15 x 2                   | 60                        |
|        | TL30S-180-100            | TL30US-180-100           | 18                       | 100                       | TL30D-180-050            | TL30UD-180-050           | 18 x 2                   | 50                        |
|        | TL30S-240-076            | TL30US-240-076           | 24                       | 76                        | TL30D-240-038            | TL30UD-240-038           | 24 x 2                   | 38                        |
| 2.1VA  | TL30S-060-350            | TL30US-060-350           | 6                        | 350                       | TL30D-060-175            | TL30UD-060-175           | 6 x 2                    | 175                       |
|        | TL30S-072-292            | TL30US-072-292           | 7.2                      | 292                       | TL30D-072-146            | TL30UD-072-146           | 7.2 x 2                  | 146                       |
|        | TL30S-090-234            | TL30US-090-234           | 9                        | 234                       | TL30D-090-117            | TL30UD-090-117           | 9 x 2                    | 117                       |
|        | TL30S-100-210            | TL30US-100-210           | 10                       | 210                       | TL30D-100-105            | TL30UD-100-105           | 10 x 2                   | 105                       |
|        | TL30S-120-176            | TL30US-120-176           | 12                       | 176                       | TL30D-120-088            | TL30UD-120-088           | 12 x 2                   | 88                        |
|        | TL30S-150-140            | TL30US-150-140           | 15                       | 140                       | TL30D-150-070            | TL30UD-150-070           | 15 x 2                   | 70                        |
|        | TL30S-180-118            | TL30US-180-118           | 18                       | 118                       | TL30D-180-059            | TL30UD-180-059           | 18 x 2                   | 59                        |
|        | TL30S-240-088            | TL30US-240-088           | 24                       | 88                        | TL30D-240-044            | TL30UD-240-044           | 24 x 2                   | 44                        |
| 2.3VA  | TL30S-060-383            | TL30US-060-383           | 6                        | 383                       | TL30D-060-191            | TL30UD-060-191           | 6 x 2                    | 191                       |
|        | TL30S-072-319            | TL30US-072-319           | 7.2                      | 319                       | TL30D-072-159            | TL30UD-072-159           | 7.2 x 2                  | 159                       |
|        | TL30S-090-255            | TL30US-090-255           | 9                        | 255                       | TL30D-090-127            | TL30UD-090-127           | 9 x 2                    | 127                       |
|        | TL30S-100-230            | TL30US-100-230           | 10                       | 230                       | TL30D-100-115            | TL30UD-100-115           | 10 x 2                   | 115                       |
|        | TL30S-120-191            | TL30US-120-191           | 12                       | 191                       | TL30D-120-095            | TL30UD-120-095           | 12 x 2                   | 95                        |
|        | TL30S-150-153            | TL30US-150-153           | 15                       | 153                       | TL30D-150-076            | TL30UD-150-076           | 15 x 2                   | 76                        |
|        | TL30S-180-127            | TL30US-180-127           | 18                       | 127                       | TL30D-180-063            | TL30UD-180-063           | 18 x 2                   | 63                        |
|        | TL30S-240-096            | TL30US-240-096           | 24                       | 96                        | TL30D-240-048            | TL30UD-240-048           | 24 x 2                   | 48                        |

STANDARD  
ENCAPSULATED  
TRANSFORMER

| Series | Part Number<br>230V/50Hz | Part Number<br>115V/60Hz | Output<br>Voltage<br>(V) | Output<br>Current<br>(mA) | Part Number<br>230V/50Hz | Part Number<br>115V/60Hz | Output<br>Voltage<br>(V) | Output<br>Current<br>(mA) |
|--------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|---------------------------|
| 2.4VA  | TL30S-060-400            | TL30US-060-400           | 6                        | 400                       | TL30D-060-200            | TL30UD-060-200           | 6 x 2                    | 200                       |
|        | TL30S-072-334            | TL30US-072-334           | 7.2                      | 334                       | TL30D-072-167            | TL30UD-072-167           | 7.2 x 2                  | 167                       |
|        | TL30S-090-268            | TL30US-090-268           | 9                        | 268                       | TL30D-090-134            | TL30UD-090-134           | 9 x 2                    | 134                       |
|        | TL30S-100-240            | TL30US-100-240           | 10                       | 240                       | TL30D-100-120            | TL30UD-100-120           | 10 x 2                   | 120                       |
|        | TL30S-120-200            | TL30US-120-200           | 12                       | 200                       | TL30D-120-100            | TL30UD-120-100           | 12 x 2                   | 100                       |
|        | TL30S-150-160            | TL30US-150-160           | 15                       | 160                       | TL30D-150-080            | TL30UD-150-080           | 15 x 2                   | 80                        |
|        | TL30S-180-134            | TL30US-180-134           | 18                       | 134                       | TL30D-180-067            | TL30UD-180-067           | 18 x 2                   | 67                        |
|        | TL30S-240-100            | TL30US-240-100           | 24                       | 100                       | TL30D-240-050            | TL30UD-240-050           | 24 x 2                   | 50                        |
| 2.7VA  | TL30S-060-450            | TL30US-060-450           | 6                        | 450                       | TL30D-060-225            | TL30UD-060-225           | 6 x 2                    | 225                       |
|        | TL30S-072-375            | TL30US-072-375           | 7.2                      | 375                       | TL30D-072-187            | TL30UD-072-187           | 7.2 x 2                  | 187                       |
|        | TL30S-090-300            | TL30US-090-300           | 9                        | 300                       | TL30D-090-150            | TL30UD-090-150           | 9 x 2                    | 150                       |
|        | TL30S-100-270            | TL30US-100-270           | 10                       | 270                       | TL30D-100-135            | TL30UD-100-135           | 10 x 2                   | 135                       |
|        | TL30S-120-225            | TL30US-120-225           | 12                       | 225                       | TL30D-120-112            | TL30UD-120-112           | 12 x 2                   | 112                       |
|        | TL30S-150-180            | TL30US-150-180           | 15                       | 180                       | TL30D-150-090            | TL30UD-150-090           | 15 x 2                   | 90                        |
|        | TL30S-180-150            | TL30US-180-150           | 18                       | 150                       | TL30D-180-075            | TL30UD-180-075           | 18 x 2                   | 75                        |
|        | TL30S-240-112            | TL30US-240-112           | 24                       | 112                       | TL30D-240-056            | TL30UD-240-056           | 24 x 2                   | 56                        |
| 2.8VA  | TL30S-060-466            | TL30US-060-466           | 6                        | 466                       | TL30D-060-233            | TL30UD-060-233           | 6 x 2                    | 233                       |
|        | TL30S-072-388            | TL30US-072-388           | 7.2                      | 388                       | TL30D-072-194            | TL30UD-072-194           | 7.2 x 2                  | 194                       |
|        | TL30S-090-311            | TL30US-090-311           | 9                        | 311                       | TL30D-090-155            | TL30UD-090-155           | 9 x 2                    | 155                       |
|        | TL30S-100-280            | TL30US-100-280           | 10                       | 280                       | TL30D-100-140            | TL30UD-100-140           | 10 x 2                   | 140                       |
|        | TL30S-120-233            | TL30US-120-233           | 12                       | 233                       | TL30D-120-116            | TL30UD-120-116           | 12 x 2                   | 116                       |
|        | TL30S-150-186            | TL30US-150-186           | 15                       | 186                       | TL30D-150-093            | TL30UD-150-093           | 15 x 2                   | 93                        |
|        | TL30S-180-155            | TL30US-180-155           | 18                       | 155                       | TL30D-180-077            | TL30UD-180-077           | 18 x 2                   | 77                        |
|        | TL30S-240-116            | TL30US-240-116           | 24                       | 116                       | TL30D-240-058            | TL30UD-240-058           | 24 x 2                   | 58                        |
| 3.2VA  | TL38S-060-533            | TL38US-060-533           | 6                        | 533                       | TL38D-060-266            | TL38UD-060-266           | 6 x 2                    | 266                       |
|        | TL38S-072-444            | TL38US-072-444           | 7.2                      | 444                       | TL38D-072-222            | TL38UD-072-222           | 7.2 x 2                  | 222                       |
|        | TL38S-090-355            | TL38US-090-355           | 9                        | 355                       | TL38D-090-177            | TL38UD-090-177           | 9 x 2                    | 177                       |
|        | TL38S-100-320            | TL38US-100-320           | 10                       | 320                       | TL38D-100-160            | TL38UD-100-160           | 10 x 2                   | 160                       |
|        | TL38S-120-266            | TL38US-120-266           | 12                       | 266                       | TL38D-120-133            | TL38UD-120-133           | 12 x 2                   | 133                       |
|        | TL38S-150-213            | TL38US-150-213           | 15                       | 213                       | TL38D-150-106            | TL38UD-150-106           | 15 x 2                   | 106                       |
|        | TL38S-180-177            | TL38US-180-177           | 18                       | 177                       | TL38D-180-088            | TL38UD-180-088           | 18 x 2                   | 88                        |
|        | TL38S-240-133            | TL38US-240-133           | 24                       | 133                       | TL38D-240-066            | TL38UD-240-066           | 24 x 2                   | 66                        |
| 4VA    | TL38S-060-666            | TL38US-060-666           | 6                        | 666                       | TL38D-060-333            | TL38UD-060-333           | 6 x 2                    | 333                       |
|        | TL38S-072-556            | TL38US-072-556           | 7.2                      | 556                       | TL38D-072-278            | TL38UD-072-278           | 7.2 x 2                  | 278                       |
|        | TL38S-090-444            | TL38US-090-444           | 9                        | 444                       | TL38D-090-222            | TL38UD-090-222           | 9 x 2                    | 222                       |
|        | TL38S-100-400            | TL38US-100-400           | 10                       | 400                       | TL38D-100-200            | TL38UD-100-200           | 10 x 2                   | 200                       |
|        | TL38S-120-333            | TL38US-120-333           | 12                       | 333                       | TL38D-120-167            | TL38UD-120-167           | 12 x 2                   | 167                       |
|        | TL38S-150-267            | TL38US-150-267           | 15                       | 267                       | TL38D-150-133            | TL38UD-150-133           | 15 x 2                   | 133                       |
|        | TL38S-180-222            | TL38US-180-222           | 18                       | 222                       | TL38D-180-111            | TL38UD-180-111           | 18 x 2                   | 111                       |
|        | TL38S-240-167            | TL38US-240-167           | 24                       | 167                       | TL38D-240-083            | TL38UD-240-083           | 24 x 2                   | 83                        |
| 5VA    | TL42S-060-833            | TL42US-060-833           | 6                        | 833                       | TL42D-060-416            | TL42UD-060-416           | 6 x 2                    | 416                       |
|        | TL42S-072-694            | TL42US-072-694           | 7.2                      | 694                       | TL42D-072-347            | TL42UD-072-347           | 7.2 x 2                  | 347                       |
|        | TL42S-090-555            | TL42US-090-555           | 9                        | 555                       | TL42D-090-277            | TL42UD-090-277           | 9 x 2                    | 277                       |
|        | TL42S-100-500            | TL42US-100-500           | 10                       | 500                       | TL42D-100-250            | TL42UD-100-250           | 10 x 2                   | 250                       |
|        | TL42S-120-416            | TL42US-120-416           | 12                       | 416                       | TL42D-120-208            | TL42UD-120-208           | 12 x 2                   | 208                       |
|        | TL42S-150-333            | TL42US-150-333           | 15                       | 333                       | TL42D-150-166            | TL42UD-150-166           | 15 x 2                   | 166                       |
|        | TL42S-180-277            | TL42US-180-277           | 18                       | 277                       | TL42D-180-138            | TL42UD-180-138           | 18 x 2                   | 138                       |
|        | TL42S-240-208            | TL42US-240-208           | 24                       | 208                       | TL42D-240-104            | TL42UD-240-104           | 24 x 2                   | 104                       |
| 8VA    | TL48S-060-1333           | TL48US-060-1333          | 6                        | 1333                      | TL48D-060-0666           | TL48UD-060-0666          | 6 x 2                    | 666                       |
|        | TL48S-072-1111           | TL48US-072-1111          | 7.2                      | 1111                      | TL48D-072-0555           | TL48UD-072-0555          | 7.2 x 2                  | 555                       |
|        | TL48S-090-0888           | TL48US-090-0888          | 9                        | 888                       | TL48D-090-0444           | TL48UD-090-0444          | 9 x 2                    | 444                       |
|        | TL48S-100-0800           | TL48US-100-0800          | 10                       | 800                       | TL48D-100-0400           | TL48UD-100-0400          | 10 x 2                   | 400                       |
|        | TL48S-120-0666           | TL48US-120-0666          | 12                       | 666                       | TL48D-120-0333           | TL48UD-120-0333          | 12 x 2                   | 333                       |
|        | TL48S-150-0533           | TL48US-150-0533          | 15                       | 533                       | TL48D-150-0266           | TL48UD-150-0266          | 15 x 2                   | 266                       |
|        | TL48S-180-0444           | TL48US-180-0444          | 18                       | 444                       | TL48D-180-0222           | TL48UD-180-0222          | 18 x 2                   | 222                       |
|        | TL48S-240-0333           | TL48US-240-0333          | 24                       | 333                       | TL48D-240-0166           | TL48UD-240-0166          | 24 x 2                   | 166                       |