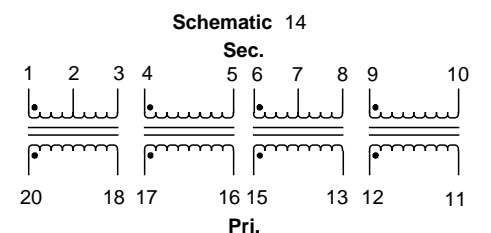
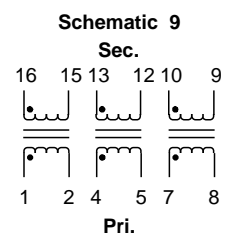
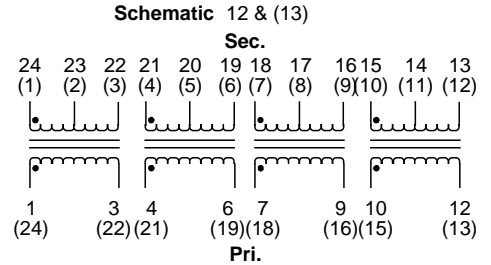
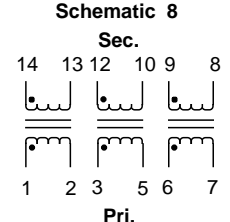
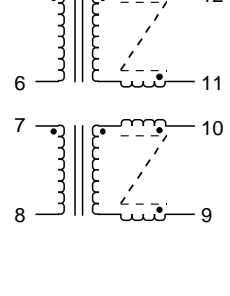
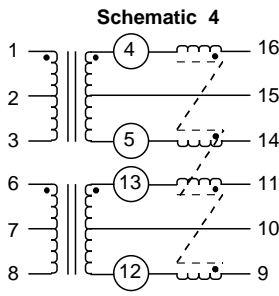
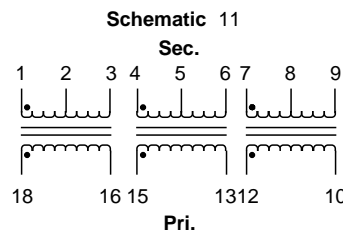
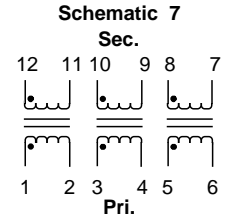
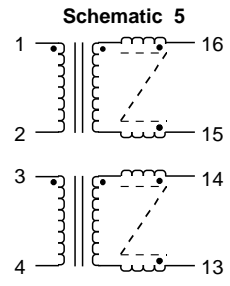
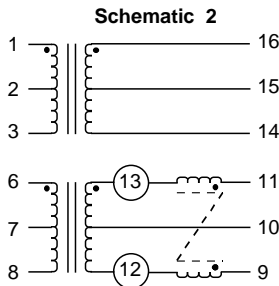
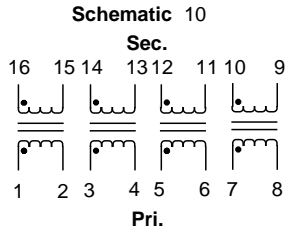
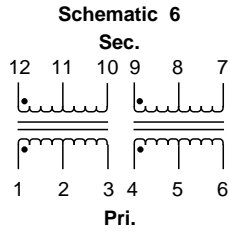
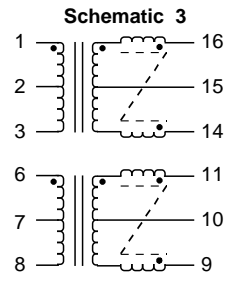
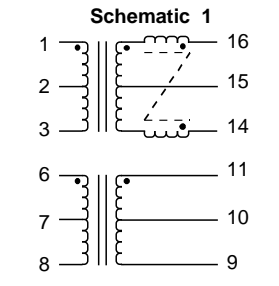




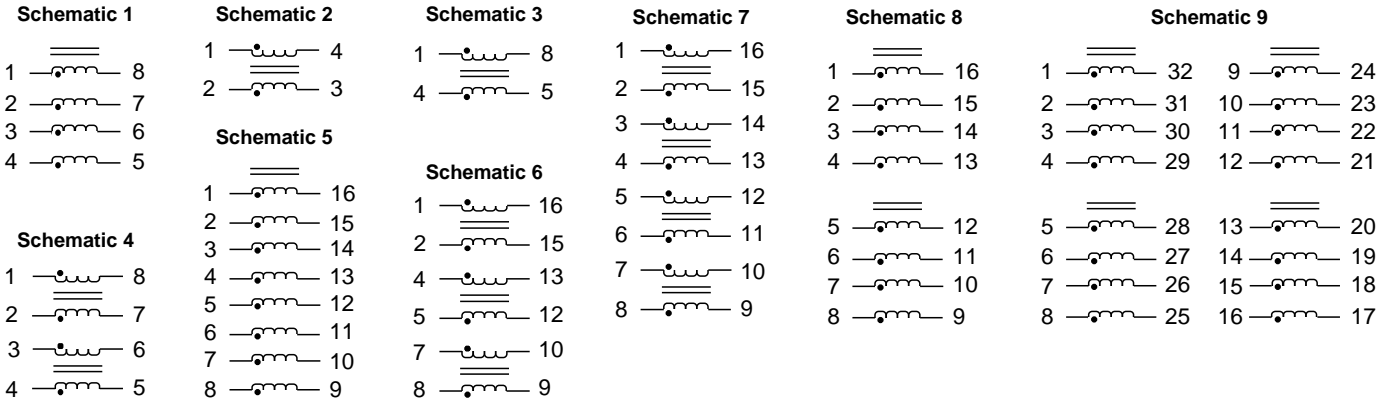
# Isolation Transformers with/without Common Mode Chokes



| PCA Part No. | OCL<br>μH<br>(*Min.) | LE<br>μH<br>(Max.) | CW<br>pF<br>(Max.) | Primary<br>DCR<br>(Max.) | Secondary<br>DCR<br>(Max.) | Turns<br>Ratio<br>Pri/Sec: Pri/Sec | Isolation<br>Vrms | Schem. | No. of Pins,<br>Style | Packages<br>L / W / H<br>†Optional Packages |
|--------------|----------------------|--------------------|--------------------|--------------------------|----------------------------|------------------------------------|-------------------|--------|-----------------------|---|
| EPE6087A     | 50*                  | 0.30               | 12                 | 0.35                     | 1.0                        | 1ct:2ct/1ct:1ct                    | 2000              | 1      | 16, DIP               | .900 / .280 / .250                          |
| EPE6165S     | 140*                 | 0.20               | 12                 | 0.30                     | ---                        | 1ct:1ct/1ct:√2ct                   | 2000              | 2      | 16, SOIC/SMD          | .490 / .270 / .190 †                        |
| EPE6173S     | 140*                 | 0.20               | 12                 | 0.30                     | ---                        | 1ct:1ct/1ct:1ct                    | 2000              | 2      | 16, SOIC/DIP          | .490 / .270 / .190 †                        |
| EPE6046S     | 140*                 | 0.20               | 12                 | 0.30                     | ---                        | 1ct:1ct/1ct:√2ct                   | 2000              | 3      | 16, SOIC/DIP          | .490 / .270 / .190 †                        |
| EPE6062S     | 200*                 | 0.20               | 12                 | 0.30                     | ---                        | 1ct:1ct/1ct:√2ct                   | 2000              | 4      | 16, SOIC              | .450 / .270 / .190                          |
| EPE6065S     | 140*                 | 0.20               | 12                 | 0.30                     | ---                        | 1ct:1ct/1ct:√2ct                   | 600               | 4      | 16, SOIC              | .490 / .270 / .190                          |
| EPE6141S     | 200*                 | 0.30               | 20                 | 0.30                     | ---                        | 1ct:1ct/1ct:√2ct                   | 2000              | 3      | 16, SOIC              | .490 / .270 / .190                          |
| EPE6172AS    | 100*                 | 0.20               | 12                 | 0.30                     | ---                        | 1ct:1ct/1ct:1ct                    | 2000              | 3      | 16, SOIC/DIP          | .490 / .270 / .190 †                        |
| EPE6174      | 50*                  | 0.30               | 12                 | 0.35                     | 1.0                        | 1ct:2ct/1ct:1ct                    | 2000              | 3      | 16, SMD/DIP           | .900 / .280 / .250 †                        |
| EPE6177      | 100*                 | 0.30               | 12                 | 0.30                     | ---                        | 1:1 (x4)                           | 2000              | 5      | 16, DIL               | 1.00 / .400 / .350                          |
| EPE6178      | 100*                 | 0.30               | 12                 | 0.30                     | ---                        | 1:√2 (x4)                          | 2000              | 5      | 16, DIL               | 1.00 / .400 / .350                          |
| EPE6190      | 150±20%              | 0.30               | 10                 | 0.40                     | ---                        | 1:1 (x4)                           | 2000              | 5      | 16, DIL               | 1.00 / .400 / .350                          |
| EPE6191      | 150±20%              | 0.30               | 10                 | 0.40                     | ---                        | 1:√2 (x4)                          | 2000              | 5      | 16, DIL               | 1.00 / .400 / .350                          |
| EPE6045S     | 140*                 | 0.20               | 12                 | 0.30                     | 0.30                       | 1ct:1ct/1ct:√2ct                   | 2000              | 6      | 16, SOIC              | .800 / .280 / .188 †                        |
| EPE6047S     | 200*                 | 0.17               | 10                 | 0.45                     | 0.45                       | 2ct:1ct/1ct:1ct                    | 2000              | 6      | 16, SOIC              | .500 / .270 / .200 †                        |
| EPE6060GM    | 75±20%               | 0.20               | 12                 | 0.30                     | 0.30                       | 1:1 (x3)                           | 2000              | 7      | 16, PCMCIA            | .560 / .360 / .094                          |
| EP9531-X     | 25-350               | ---                | ---                | ---                      | ---                        | 1:1 (x3)                           | 2000/500          | 9      | 16, SMD/DIP           | .800 / .400 / .188                          |
| EP9547-X     | 25-350               | ---                | ---                | ---                      | ---                        | 1:1 (x3)                           | 2000/500          | 8      | 14, SMD/DIP           | .800 / .400 / .188                          |
| EPA1473J-X   | 25-350               | ---                | ---                | ---                      | ---                        | 1:1 (x3)                           | 2000/500          | 9      | 16, SMD (J)           | .460 / .360 / .220                          |
| EPA1885-X    | 25-350               | ---                | ---                | ---                      | ---                        | 1:1 (x3)                           | 2000/500          | 9      | 16, SOIC              | .460 / .360 / .220                          |
| EPE6131S     | 3*/3*/0.3*           | 4.0                | 40                 | 1.0                      | 2.0                        | 1:1/1:2ct/1:2ct                    | 1500              | 11     | 18, SOIC              | .550 / .430 / .260                          |
| EPE6009      | 200*                 | 0.15               | 10                 | 0.35                     | 0.35                       | 1:1 (x4)                           | 2000              | 10     | 16, SOIC              | .460 / .360 / .220                          |
| EPE6010      | 200*                 | 0.25               | 10                 | 0.35                     | ---                        | 1:√2 (x4)                          | 2000              | 12     | 24, SOIC              | .710 / .360 / .220                          |
| EPE6129S     | 350*                 | 1.0                | 15                 | 0.28                     | 0.50                       | 1:2 (x4)                           | 1500              | 13     | 24, SOIC              | .700 / .430 / .260                          |
| EPE6130S     | 200*                 | 0.40               | 15                 | 0.30                     | 0.60                       | 1:2 √2 (x4)                        | 1500              | 14     | 20, SOIC              | .600 / .430 / .260                          |



# Common Mode Chokes



| PCA Part No.             | Primary OCL                | Impedance (Min.) or (*Typ.) vs Frequency (MHz) | Number of Chokes<br>Number of Lines<br>Schematic | Packages<br>Style L / W / H<br>(in inches) |
|--------------------------|----------------------------|--|--|--|
| 1 EPA 120                | 5.5 $\mu$ H to 8.5 $\mu$ H | 350 @ 30<br>450 @ 50-70                        | 1 Choke<br>4 Lines                               | 8 pin DIP<br>.420 / .280 / .175            |
| 2 EPA 1511               | 4.0 $\mu$ H Min.           | 350 @ 100<br>210 @ 10<br>400 @ 40<br>310 @ 100 | Schematic 1<br>1 Choke<br>4 Lines                | 8 pin DIL<br>.585 / .400 / .300            |
| 3 EPA 1846               | 36 $\mu$ H Min.            | 1000 @ 10<br>2000 @ 30-40<br>500 @ 300         | Schematic 1<br>1 Choke<br>4 Lines                | 8 pin DIL<br>.500 / .400 / .250            |
| 4 EPA2163                | 85 $\mu$ H $\pm$ 20%       | 400 @ 5<br>700 @ 10<br>200 @ 70-100            | Schematic 1<br>1 Choke<br>2 Lines                | 4 pin DIP<br>.220 / .280 / .230            |
| 5 EPA 2165S              | 85 $\mu$ H $\pm$ 20%       | 400 @ 5<br>700 @ 10-20<br>200 @ 70-100         | Schematic 2<br>1 Choke<br>4 Lines                | 8 pin SOIC<br>.200 / .250 / .220           |
| 6 EPA 2408-4<br>EPA 2604 | 8 $\mu$ H Min.             | 550 @ 10<br>1100 @ 30<br>520 @ 100             | Schematic 1<br>1 Choke<br>4 Lines                | 8 pin DIP or DIL<br>.420 / .280 / .250     |
| 7 EPA 2591               | 140 $\mu$ H Min.           | 750 @ 5<br>2200 @ 20-30<br>1000 @ 70           | Schematic 1<br>1 Choke<br>2 Lines                | 8 pin SMD<br>.420 / .280 / .395            |
| 8 EPA 2655<br>EPA 2655G  | -----                      | 326 @ 30<br>425 @ 50<br>328 @ 100              | Schematic 3<br>1 Choke<br>8 Lines                | 16 pin DIP or SMD<br>.880 / .280 / .190    |
| 9 EPT7022S               | 48 $\mu$ H Typ.            | 1000 @ 10<br>2000 @ 30-50<br>500 @ 300         | Schematic 5<br>1 Choke<br>4 Lines                | 8 pin SOIC<br>.290 / .280 / .200           |
| 10 EPA2794               | 22.5 $\mu$ H Min.          | 200* @ 1<br>2200* @ 25<br>250* @ 300           | Schematic 1<br>1 Choke<br>4 Lines                | 8 pin SMD<br>.475 / .400 / .340            |
| 11 EPA 2743<br>EPA 2743G | -----                      | 326 @ 30<br>425 @ 50<br>328 @ 100              | Schematic 1<br>1 Choke<br>4 Lines                | 8 pin DIP & SMD<br>.450 / .280 / .165      |
| 12 EPA2851               | 8.0 $\mu$ H Min.           | 1000 @ 10<br>2000 @ 30-40<br>500 @ 300         | Schematic 1<br>1 Choke<br>4 Lines                | 8 pin DIL & SMD<br>.475 / .400 / .340      |
| 13 EPA 2809              | 76 $\mu$ H Typ.            | 275* @ 1<br>2200* @ 25<br>850* @ 300           | Schematic 1<br>2 Chokes<br>2 Lines each          | 8 pin DIL<br>.500 / .500 / .300            |
| 14 EPA2818               | 22.5 $\mu$ H Min.          | 1000 @ 10<br>2000 @ 30<br>500 @ 300            | Schematic 4<br>2 Chokes<br>2 Lines each          | 8 pin DIL<br>.500 / .500 / .300            |
| 15 EPA2836-2             | 36 $\mu$ H Min.            | 1000 @ 10<br>2000 @ 30<br>500 @ 300            | Schematic 4<br>2 Chokes<br>4 Lines each          | 16 pin DIP<br>.795 / .280 / .375           |
| 16 EPE 6026              | 36 $\mu$ H Min.            | 1000 @ 10<br>2000 @ 30<br>500 @ 300            | Schematic 8<br>2 Chokes<br>4 Lines               | 32 pin DIP<br>1.800 / .280 / .375          |
| 17 EPA3191S              | 100 $\mu$ H Min.           | 60 @ 100 KHz<br>1.4K @ 20<br>700 @ 200         | Schematic 8<br>3 Chokes<br>2 Lines each          | 16 pin SMD<br>.470 / .285 / .200           |
| 18 EPA2836-4             | 36 $\mu$ H Min.            | 100 @ 10<br>2000 @ 30<br>500 @ 300             | Schematic 6<br>4 Chokes<br>4 Lines each          | 16 pin DIL<br>.800 / .400 / .250           |
| 19 EPE 6028              | 36 $\mu$ H Min.            | 1000 @ 10<br>2000 @ 30<br>500 @ 300            | Schematic 9<br>4 Chokes<br>2 Lines each          | 16 pin DIL<br>.800 / .400 / .320           |