

MULTI PORT E1/T1, ISDN-PRI TRANSFORMERS



AET, APT SERIES

STANDARD SPECIFICATIONS:

FOUR PORT

| Part Number | Turns Ratio ($\pm 2\%$) | | OCL mH (min) | C _{ww} pF (max) | L _L μ H (max) | Cir | Pkg |
|-------------|---------------------------|--------|--------------|--------------------------|------------------------------|-----|-----|
| | Tx | Rx | | | | | |
| AET-119 | 1:2 | 2CT:1 | 1.2 | 35 | 0.6 | 1 | A |
| AET-120 | 1CT:1 | 1:1CT | 1.2 | 35 | 0.6 | 1 | A |
| APT-108 | 1:2:4 | 1:1 | 1.0 | 35 | 0.6 | 2 | A |
| APT-109 | 1:2CT | 1CT:2 | 1.2 | 35 | 0.6 | 1 | A |
| APT-116 | 1:2.42 | 1:2.42 | 0.6 | 35 | 0.6 | 1 | A |

DUAL PORT

| Part Number | Turns Ratio ($\pm 2\%$) | | OCL mH (min) | C _{ww} pF (max) | L _L μ H (max) | Cir | Pkg |
|-------------|---------------------------|------------|-------------------|--------------------------|------------------------------|-----|-----|
| | Tx | Rx | | | | | |
| AET-101 | 1CT:2CT | 1CT:2CT | 1.5 (16-14, 6-8) | 45 | 0.6 | 1 | A |
| AET-102 | 1CT:2CT | 1CT:1CT | 1.5 (1-3, 11-9) | 45 | 0.5 | 1 | A |
| AET-103 | 1CT:1.41CT | 1.41CT:1CT | 1.28 (1-3, 11-9) | 30 | 0.8 | 1 | A |
| AET-104 | 1CT:1.15CT | 1.15CT:1CT | 1.5 (1-3, 11-9) | 45 | 0.5 | 1 | A |
| AET-105 | 1.15CT:1 | 1:2CT | 1.5 (16-14, 6-8) | 40 | 0.5 | 2 | A |
| AET-106 | 1CT:1.25/1.15 | 1CT:2CT | 1.2 (16-14, 6-8) | 40 | 0.5 | 1 | A |
| AET-107 | 2CT:1CT | 1CT:2CT | 1.2 (1-3, 6-8) | 30 | 0.6 | 1 | A |
| AET-108 | 1CT:1CT | 1CT:1.36CT | 1.2 (16-14, 6-8) | 30 | 0.6 | 1 | A |
| AET-109 | 1CT:1.15CT | 1CT:1.15CT | 1.2 (16-14, 11-9) | 30 | 0.6 | 1 | A |
| AET-110 | 1.15CT:1 | 1CT:2CT | 1.2 (1-3, 6-8) | 30 | 0.6 | 3 | A |
| AET-111 | 1.41CT:1CT | 1.41CT:1CT | 1.0 (16-14, 11-9) | 30 | 0.6 | 1 | A |
| AET-112 | 1CT:2.42CT | 1CT:2.42CT | 1.2 (1-3, 6-8) | 25 | 0.6 | 1 | A |
| AET-113 | 1CT:2CT | 1:1.36CT | 1.2 (16-14, 6-8) | 30 | 0.6 | 4 | A |
| AET-114 | 1.36CT:1 | 1:2CT | 1.5 (16-14, 6-8) | 40 | 0.5 | 2 | A |
| AET-115 | 1CT:2.42CT | 1CT:1CT | 1.0 (1-3, 11-9) | 30 | 0.8 | 1 | A |
| AET-116 | 1/1.26:1 | 1CT:2CT | 1.2 (16-14, 6-8) | 30 | 0.6 | 3 | A |
| AET-117 | 1CT:1CT | 1CT:1.5CT | 1.0 (16-14, 6-8) | 30 | 0.6 | 1 | A |
| AET-118 | 2CT:1CT | 1:1.36CT | 1.2 (16-14, 6-8) | 30 | 0.6 | 4 | A |

SINGLE PORT

| Part Number | Turns Ratio ($\pm 2\%$) | | OCL mH (min) | C _{ww} pF (max) | L _L μ H (max) | Cir | Pkg |
|-------------|---------------------------|---------|--------------|--------------------------|------------------------------|-----|-----|
| | Tx | Rx | | | | | |
| APT-6015 | 1CT:1 | 0.7/0.7 | 1.2 (1-3-5) | 25 | 0.8 | 9 | C |
| APT-6016 | 1CT:2CT | 0.7/1.2 | 1.2 (1-3-5) | 30 | 0.5 | 10 | C |
| APT-6017 | 1:1.41CT | 0.7/0.8 | 1.2 (1-5) | 35 | 0.8 | 11 | C |
| APT-6018 | 1:1/1.26 | 0.7/0.9 | 1.5 (2-6) | 40 | 0.4 | 9 | C |
| APT-6019 | 1:1.36CT | 0.7/0.9 | 1.2 (1-5) | 35 | 0.8 | 11 | C |
| APT-6020 | 1:2.3CT | 0.7/1.7 | 1.2 (1-5) | 35 | 0.5 | 11 | C |
| APT-6021 | 1:2CT | 0.7/1.2 | 1.2 (2-6) | 35 | 0.5 | 9 | C |

S-INTERFACE

| Part Number | Turns Ratio ($\pm 2\%$) | | OCL mH (min) | C _{ww} pF (max) | L _L μ H (max) | Cir | Pkg |
|-------------|---------------------------|---------|-----------------|--------------------------|------------------------------|-----|-----|
| | Tx | Rx | | | | | |
| AET-125 | 1:1:2:2 | 2.4/4.2 | 22.0 (1-4, 5-8) | 85 | 5.0 | 12 | E |
| AET-126 | 1:1:2:2 | 2.4/4.2 | 22.0 (1-4) | 85 | 5.0 | 13 | F |
| AET-201 | 1CT:1CT | 2.4/4.2 | 22.0 (1-3) | 100 | 5.0 | 14 | D |
| AET-202 | 1:1:2.5:2.5 | 2.5/5.8 | 22.0 (1-4) | 100 | 4.0 | 17 | D |
| APT-112 | 1CT:1CT | 0.7/0.5 | 1.2 (1-5) | 25 | 0.8 | 15 | D |
| APT-113 | 1.37CT:1 | 0.7/0.5 | 1.2 (10-6) | 35 | 0.8 | 16 | D |