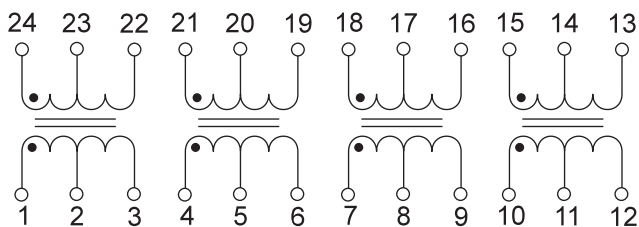
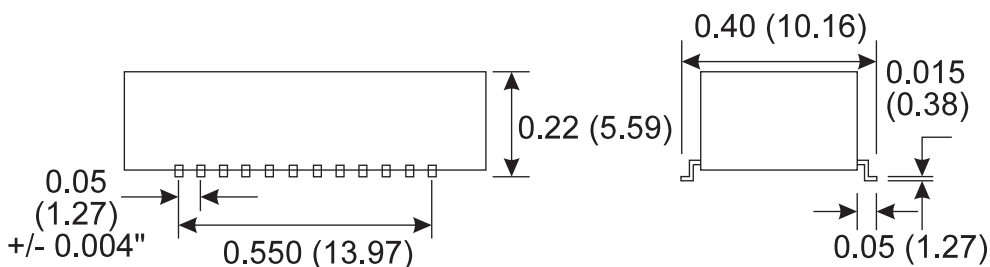
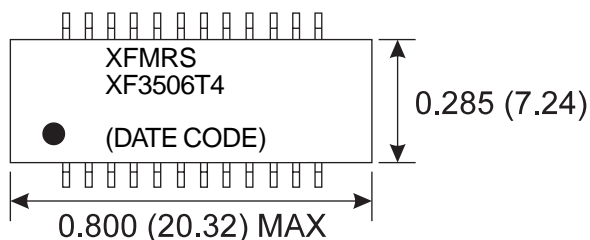


PART NUMBER: XF3506T4

- XFMR, Inc. has designed and developed this magnetic module for specific use with the Cypress Semiconductor CY7C971. This single module along with the CY7C971 is all you need to upgrade to 100BASE-T4 Fast Ethernet, yet run full 10BASE-T or 10BASE-T Duplex.



ELECTRICAL SPECIFICATIONS AT 25°C:

TURNS RATIO : (1-3) : (24-22) 1 CT:2CT ±2%
 (4-6) : (21-19) 1 CT:2CT ±2%
 : (7-9) : (18-16) 1 CT:2CT ±2%
 : (10-12) : (15-13) 1 CT:2CT ±2%

OCL : (24-22) : (21-19) : (18-16) : (15-13) 350 uH MIN @ 20 MVRMS, 100 KHz
 : (1-3) : (4-6) : (7-9) : (10-12) 150 uH MIN @ 20 MVRMS, 100 KHz

LL : (24-22) : (1, 2, 3, SHORT) 1.0uH MAX @ 1MHz MIN
 : (21-19) : (4, 5, 6, SHORT) 1.0uH MAX @ 1MHz MIN
 : (18-16) : (7, 8, 9, SHORT) 1.0uH MAX @ 1MHz MIN
 : (15-13) : (10, 11, 12, SHORT) 1.0uH MAX @ 1MHz MIN

Cw/w : (1-3 TO 24-22) 15pF MAX @ 100KHz MIN
 : (4-6 TO 21-19) 15pF MAX @ 100KHz MIN
 : (7-9 TO 18-16) 15pF MAX @ 100KHz MIN
 : (10-12 TO 15-13) 15pF MAX @ 100KHz MIN

DCR : (1-3) = (4-6) = (7-9) = (10-12) .50 OHMS MAX
 : (24-22) = (21-19) = (18-16) = (15-13) .90 OHMS MAX

HIPOT : WINDING TO WINDING 1500 Vrms