

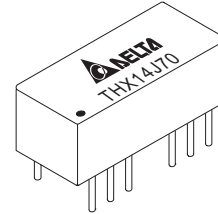


T1/CEPT/ISDN PRI TRANSFORMERS SINGLE THROUGH-HOLE

Networking Components

FEATURES

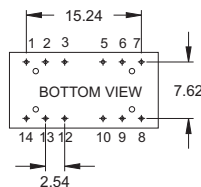
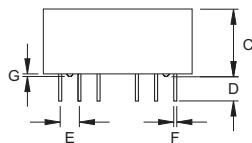
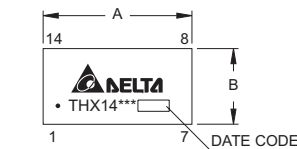
- APPLICABLE TO LEADING TRANSCEIVER CHIPS
- SINGLE THROUGH-HOLE MODELS AVAILABLE
- PROVIDE 1500Vrms-60Sec. ISOLATION
- USED UL 94V MATERIALS
- EXTENDED OR STANDARD TEMPERATURE RANGE MODELS ARE AVAILABLE



ELECTRICAL CHARACTERISTICS @25°C

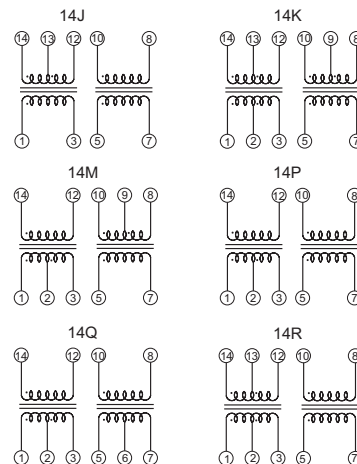
Model	OCL min (mH)	Lk max (uH)	Cp max (pF)	DCR pri. max (ohm)	DCR sec. max (ohm)	Turns Ratio Pri:Sec (± 2%)	Hi-Pot (60Sec) (Vrms)	Primary Pins	Schematic Drawing
THX14J70	0.80	0.50	30	0.60	0.70 / 0.30	1.58:2CT/1.58:1	1500	1-3, 5-7	14J
THX14J71	0.80	0.60	30	0.50	0.50 / 0.20	2:2CT/2:1	1500	1-3, 5-7	14J
THX14J72	1.20	0.80	30	0.60	0.50 / 0.30	2.62:2CT/2.62:1	1500	1-3, 5-7	14J
THX14K70	1.20	0.96 / 0.80	50	1.00	1.70 / 1.20	1CT:2CT/1:1.36CT	1500	14-12, 5-7	14K
THX14M01	1.20	0.50	35	0.70	1.20	1:2CT	1500	14-12, 5-7	14M
THX14M02	1.50 / 1.20	0.60 / 0.50	35 / 40	0.70	1.10	1:1.15CT/1:2CT	1500	14-12, 5-7	14M
THX14M03	1.50 / 1.20	0.50 / 0.40	35 / 40	0.70	0.90 / 1.10	1:1:1.266/1:2CT	1500	14-12, 5-7	14M
THX14M73	1.50 / 1.20	0.80	40 / 60	0.90	1.10 / 1.70	1:1.15CT/1:2CT	1500	14-12, 5-7	14M
THX14M74	1.50 / 1.20	0.80	50 / 60	0.90	1.10 / 1.70	1:1:1.266/1:2CT	1500	14-12, 5-7	14M
THX14P70	1.20	0.5 / 0.80	35	0.80	1.20 / 1.00	1:2CT/1:1.36	1500	14-12, 5-7	14P
THX14Q70	2.00	0.60	45	0.70	1.20	1:2CT	1500	14-12, 10-8	14Q
THX14R70	1.20	0.55 / 0.50	30	0.70	1.20 / 0.70	1CT:2CT/1:1	1500	1-3, 5-7	14R

MECHANICAL CONSTRUCTION



UNIT: mm/inch
 A = 20.10 ± 0.254 / 0.790 ± 0.010
 B = 10.10 ± 0.254 / 0.398 ± 0.010
 C = 7.50 ± 0.254 / 0.295 ± 0.010
 D = 3.2 ± 0.3 / 0.126 ± 0.012
 E = 2.54 / 0.100 (TYP)
 F = ∅0.50 ± 0.127 / ∅0.020 ± 0.005
 G = 0.50 ± 0.127 / 0.020 ± 0.005

SCHEMATICS



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