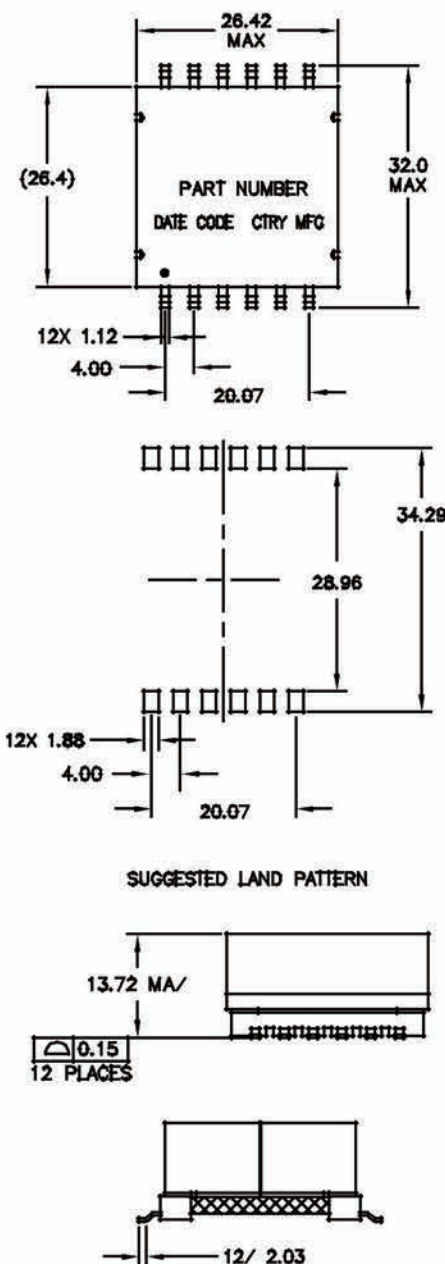


High Frequency Wire Wound Transformers

YCEFD25Platforms - SMT

- Power Range: Up to 105W
- Height: 13.7mm Max
- Footprint: 32.0mm x 26.4mm Max
- Topology: Forward and Flyback



Electrical Specifications @ 25°C — Operating Temperature -40°C to 130°C			
YCEFD25-1	Pri. Inductance	(1,2-3,4,5,6)	21.4μH ±40%
	Lk. Inductance	(1,2,3-4,5,6) with (7,9,10,12) shorted	0.5μH MAX
	DCR	(1,2-3,4,5,6)	4mΩ MAX
	Hi-Pot	(9-7)	40mΩ MAX
YCEFD25-2	Pri. Inductance	(1,2-3,4)	26.5μH ±15%
	Lk. Inductance	(1,2-3,4) with (7,8,9,10) shorted	0.36μH MAX
	DCR	(1,2-3,4)	50mΩ MAX
	Hi-Pot	(10-7)	30mΩ MAX
YCEFD25-3	Pri. Inductance	(2,3-4,5)	30.9μH ±10%
	Lk. Inductance	(2,3-4,5) with (11,10,9,8) shorted	0.5μH MAX
	DCR	(2,3-4,5)	36mΩ MAX
	Hi-Pot	(11,10,9,8)	19mΩ MAX
YCEFD25-4	Pri. Inductance	(1-3)	199.7μH ±12%
	Lk. Inductance	(1-3) with (11,10,9,8) shorted	3.4μH MAX
	DCR	(1-3)	142mΩ MAX
	Hi-Pot	(11,10,9,8)	73mΩ MAX
YCEFD25-5	Pri. Inductance	(1-3)	5μH MAX
	Lk. Inductance	(1-3) with (11,10,9,8) shorted	120mΩ MAX
	DCR	(1-3)	70mΩ MAX
	Hi-Pot	(11,10,9,8)	7.5mΩ MAX
YCEFD25-6	Pri. Inductance	(2,3-4,5)	98μH ±30%
	Lk. Inductance	(2,3-4,5) with (7,8,9,10,11,12) shorted	1μH MAX
	DCR	(2,3-4,5)	15.5mΩ MAX
	Hi-Pot	(12,11,10,9,8,7)	2.5mΩ MAX
YCEFD25-7	Pri. Inductance	(1,2-11,12)	3.61μH ±12%
	Lk. Inductance	(1,2-11,12) with (4,5,6,7,8,9) shorted	0.1μH MAX
	DCR	(1,2-11,12)	5mΩ MAX
	Hi-Pot	(4,5,6,7,8,9)	9.3mΩ MAX
YCEFD25-8	Pri. Inductance	(1,2-3,4)	30.8μH ±7%
	Lk. Inductance	(1,2-3,4) with (8,9,10,11) shorted	0.75μH MAX
	DCR	(1,2-3,4)	36mΩ MAX
	Hi-Pot	(10,11-8,9)	20mΩ MAX
YCEFD25-9	Pri. Inductance	(2-11)	23.7μH ±10%
	Lk. Inductance	(2-11) with (6,7) shorted	0.5μH MAX
	DCR	(2-11)	14mΩ MAX
	Hi-Pot	(6,7)	110mΩ MAX
YCEFD25-10	Pri. Inductance	(1,2-3,4)	25μH ±10%
	Lk. Inductance	(1,2-3,4) with (5,6,7,8,9,10,11,12) shorted	0.5μH MAX
	DCR	(1,2-3,4)	16mΩ MAX
	Hi-Pot	(5,6)	60mΩ MAX
YCEFD25-11	Pri. Inductance	(2,3-4,5)	40.5μH ±30%
	Lk. Inductance	(2,3-4,5) with (7,8,9,10,11,12) shorted	3.5μH MAX
	DCR	(2,3-4,5)	22mΩ MAX
	Hi-Pot	(7,8,9,10,11,12)	4mΩ MAX
YCEFD25-12	Pri. Inductance	(1,2-3,4)	57.8μH ±10%
	Lk. Inductance	(1,2-3,4) with (5,6,7,8,9,10,11,12) shorted	0.46μH MAX
	DCR	(1,2-3,4)	53mΩ MAX
	Hi-Pot	(5,6)	94mΩ MAX
YCEFD25-13	Pri. Inductance	(1,2-3,4)	40.5μH ±10%
	Lk. Inductance	(1,2-3,4) with (5,6,7,8,9,10,11,12) shorted	n/a μH MAX
	DCR	(1,2-3,4)	48mΩ MAX
	Hi-Pot	(5,6)	167mΩ MAX
YCEFD25-14	Pri. Inductance	(1,2-3,4)	12.2μH ±10%
	Lk. Inductance	(1,2-3,4) with (5,6,7,8,9,10,11,12) shorted	0.196 μH MAX
	DCR	(1,2-3,4)	18mΩ MAX
	Hi-Pot	(5,6)	72mΩ MAX
YCEFD25-15	Pri. Inductance	(1,2-3,4)	11.2μH ±10%
	Lk. Inductance	(1,2-3,4) with (5,6,7,8,9,10,11,12) shorted	n/a μH MAX
	DCR	(1,2-3,4)	18mΩ MAX
	Hi-Pot	(5,6)	73mΩ MAX