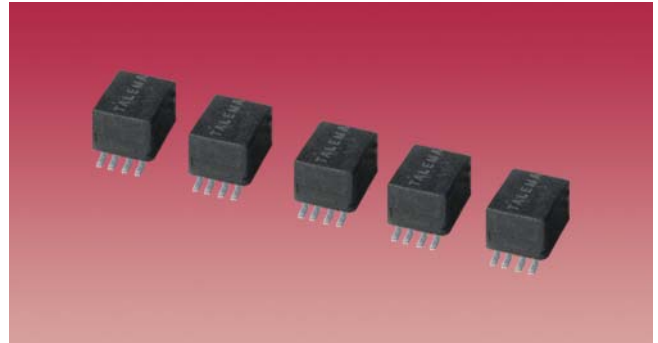


ISJ Series • ISDN S₀ DIL Style Through Hole Interface Transformers

Features

- Designed for optimum compatability with all established interface IC's
- Excellent and consistent balance between windings
- Complies fully with CCITT.I.430 recommendations and corresponding national standards for S-Interface
- Manufactured in ISO 9001:2015 and ISO 14001:2015 certified Talema facility
- Operating temperature: 0 to 85°C
- Fully RoHS & REACH Compliant and meets lead free reflow level J-STD-020F



Electrical Specifications @ 25°C

Turns Ratio: **Bold** = IC side windings

ISJ Series comply with Basic Insulation Level EN60950, UL1950 and UL1450

Part Number	L _P (mH Min)	Turns Ratio	L _L (μH)	I _{DC} (mA)	C _C (pF Max)	R _{CU} P (Ohms)	R _{CU} S (Ohms)	V _P (Vrms)
ISJ-100B	25	1:1:1:1	2	--	60	4.2	4.2	1500
ISJ-140B	25	1:1:2:2	2	--	50	4.3	9.9	1500

Test Conditions:

Inductance: Line side windings in series - measurement @ 10KHz/100mV

Polarity and turns Ratio: Pins 1-2 : 3-4 : 5-6 : 7-8

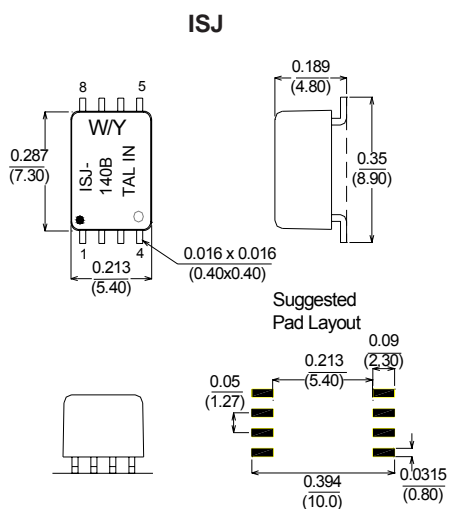
Coupling capacitance: IC side windings in series to Line side windings in series - measurement @10KHz/100mV

Leakage Inductance: Line side windings in series, IC side windings short circuited - measurement @ 100KHz/100mV

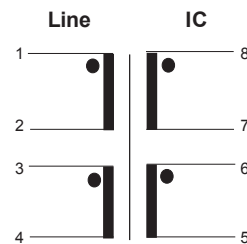
Test Voltage: 1.5K for 2 Sec. - Line side windings in series to IC side windings in series.

Standard Packaging: Tape and Reel

Package Style



Schematic



Dimensions: Inches (Millimeters)

Tolerance: ±0.010 (0.25) unless specified otherwise

Surface Coplanarity will be 0.004 (0.10) maximum

Packing Method: Tape and Reel; Qty/Reel: 1000 Pcs

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