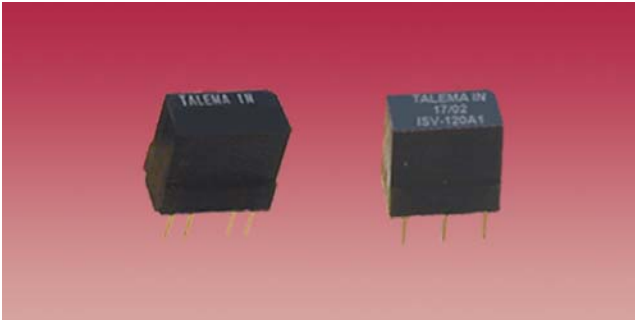


## ISV Series • DN S<sub>0</sub> DIL Style Through Hole Interface Transformers

### 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  
ISO 14001:2015 certified Talema facility
- Operating temperature: 0 to 85°C
- Fully RoHS & REACH Compliant



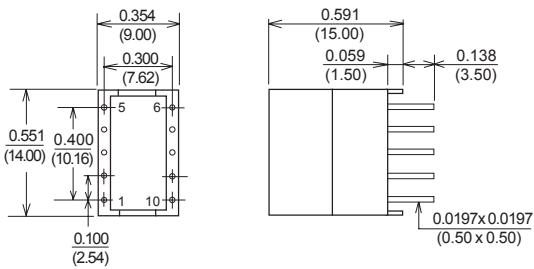
### Electrical Specifications @ 25°C

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

ISV Series comply with Supplementary Insulation Level EN60950, UL1950 and UL1450									
Part Number	L <sub>p</sub> (mH Min)	Turns Ratio	L <sub>L</sub> (μH)	I <sub>DC</sub> (mA)	C <sub>C</sub> (pF Max)	R <sub>CU</sub> P (Ohms)	R <sub>CU</sub> S (Ohms)	V <sub>P</sub> (Vrms)	Schematic
ISV-100B1	30	1:1:1:1	10	5	150	1.7	2.0	1500	B1
ISV-120A1	30	1:1: <b>4</b>	10	5	150	1.7	4.0	1500	A1
ISV-130B1	30	1:1: <b>2,5:2,5</b>	10	5	150	1.7	4.5	1500	B1
ISV-140B1	30	1:1: <b>2:2</b>	10	5	150	1.7	4.0	1500	B1

### Package Style

#### ISV



#### Schematic



Dimensions: Inches (Millimeters)  
Tolerance: ±0.010 (0.25) unless specified otherwise  
Unused pins are removed

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