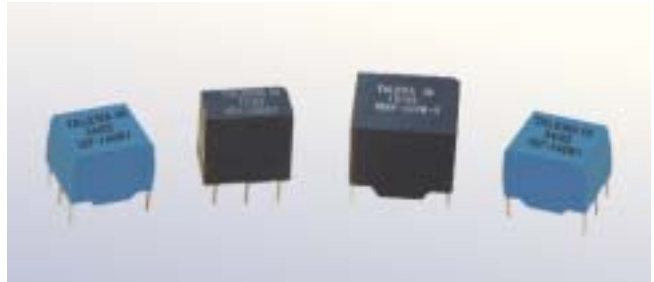




ISDN S₀ DIL Style Through Hole Interface Transformers

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 approved Talema facility
- operating temperature: 0 to 70°C



Electrical Specifications @ 25°C

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

ISF & ISV Series comply with Supplementary 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)	Schematic
ISF / ISV-100B1	30	1:1:1:1	10	5	150	1.7	2.0	1500	B1
ISF / ISV-120A1	30	1:1:4	10	5	150	1.7	4.0	1500	A1
ISF / ISV-130B1	30	1:1: 2,5:2,5	10	5	150	1.7	4.5	1500	B1
ISF / ISV-140B1	30	1:1: 2:2	10	5	150	1.7	4.0	1500	B1

ISHF Series Interface Transformers comply with Reinforced Insulation Level EN60950 **

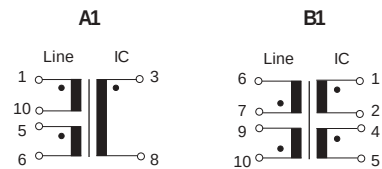
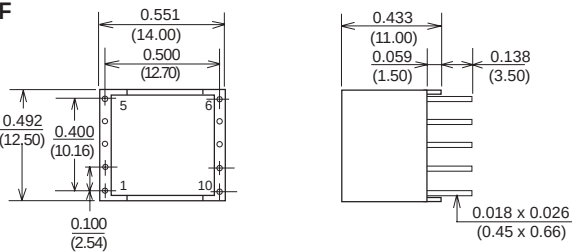
ISHF-200B1	30	1:1:1:1	15	5	45	2.4	2.0	3000	B1
ISHF-220A1	30	1:1:4	15	5	45	2.4	5.6	3000	A1
ISHF-230B1	30	1:1: 2,5:2,5	15	5	45	2.4	6.8	3000	B1
ISHF-240B1	30	1:1: 2:2	15	5	45	2.4	5.6	3000	B1

** S₀ Transformer modules comply with Reinforced Insulation Level EN60950:1992/A4: 1997, para. 2.9.4.4 when tested in accordance with 6.4.1

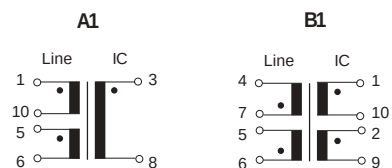
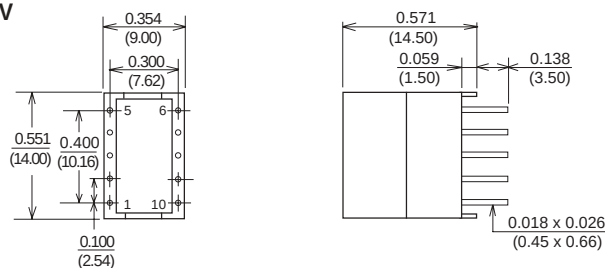
Package Style

Schematic

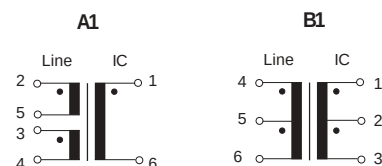
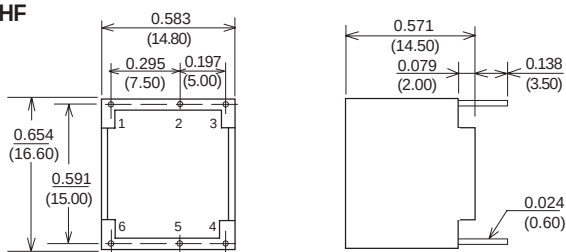
ISF



ISV



ISHF



Dimensions: Inches (Millimeters)

Tolerance: ±0.010 (0.25) unless specified otherwise

Germany: Int.+4989-841 00-0 • Ireland: Int.+35 375-48 666 • Czech Rep: Int.+420 19-744 9303 • India: Int.+91 427-340 492

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(07-03 Communications\ISDN\So-J Trafo)