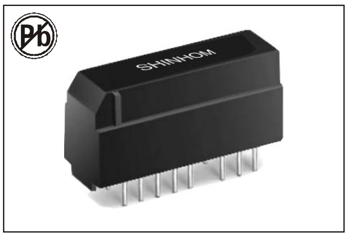
ISDN S-INTERFACE MAGNETICS MODULES

HS5011-5015



FEATURES:

- Meet Industry Standard Footpints.
- Designed for enhanced EMC performance.
- ISDN Interface Isolation
- Through-Hole Dual 1500Vrms

OPTIONS:

- Bulk Packaging is Standard
- Custom Design Available

COMMON APPLICATIONS:

- Cable interface for isolation and low common mode emissions.
- Designed to fit behind 1x1 RJ45 connector.
- ISDN S-Interface Single Port

STANDARD SPECIFICATIONS

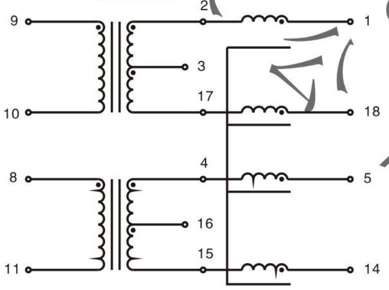
Part Number	Transformer						Choke				Schematic
	Inductance OCL (mH min)	Inductance Leakage (μH max)	Interwinding Capacitance (pF max)	DC Resistance (Ω Max)		Turn Ratio Pri: Sec (±3%)	Inductance OCL (mH min)	Inductance Leakage (μH max)	DC Resistance (Ω Max)	Turn (±5%)	
				Pri	Sec						
HS5011	30	10	150	4.00	4.0	1CT:1CT	4.70	0.6	1.20	1:1:1	A
HS5012	30	30	150	4.00	6	1CT:2CT	4.70	0.6	1.20	1:1:1	A
HS5013	30	30	150	4.00	9	1CT:2.5CT	4.70	0.6	1.20	1:1:1	A
HS5015	30	30	150	4.00	6	1CT:2CT	4.70	0.6	1.20	1:1:1	B

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

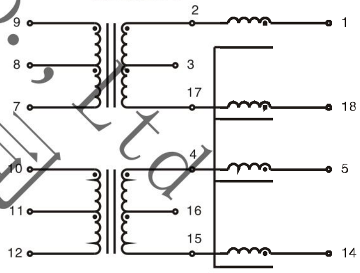
- Dimmension: Inch/mm
- Isolation Hi-pot: 1500Vrms(pri/sec)
- Soldering methods:Wave,Reflow
- Operating Temperature:0℃ to 70℃
- Storage Temperature:-55℃ to 125℃

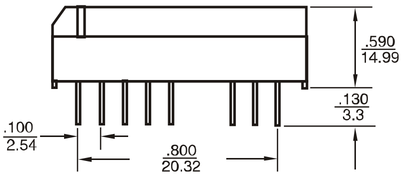
Note:All specifications subject to change without notice.

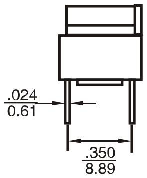
Schematic A

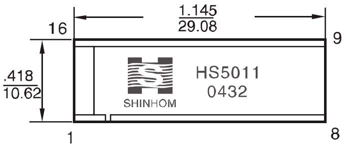


Schematic B









Recommended Pad Layout