



HS16005, HS16025 SERIES

10 BASE-T Coupling Transformer

FEATURES

- Compliant with IEE 802.3u and ANSI X.3.263
- Cable interface for isolation and low common mode emissions
- Meet FCC Class B Approval.
- SMT Pick & Place Available

OPTIONS

- Bulk Packaging is Standard
- Custom Design Available
- Thru Hole Available

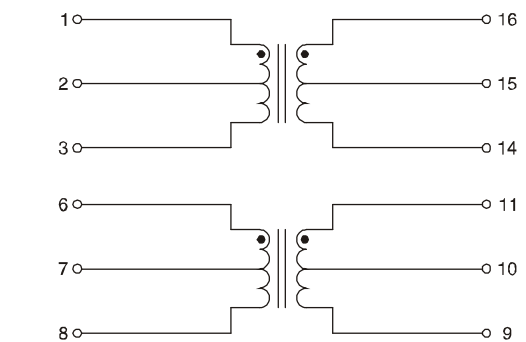
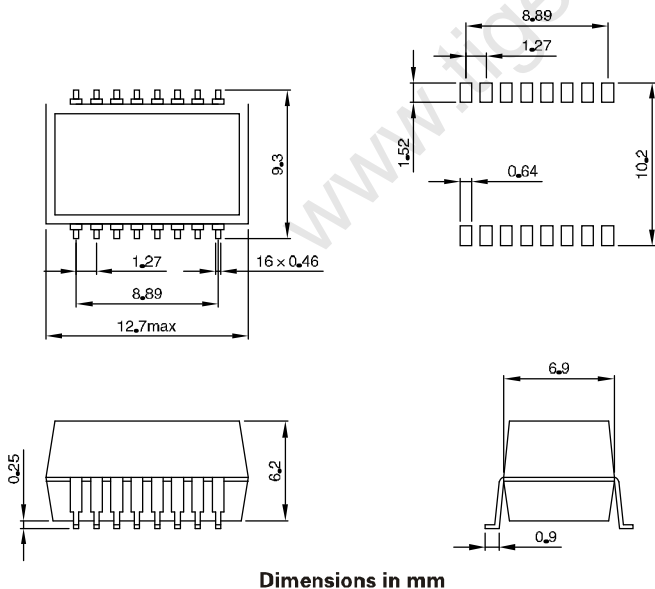
APPLICATIONS

- Cable interlace for isolation and low common mode emissions.
- Designed for reflow soldering at temperature up to 234°C non-RoHS, 260°C RoHS.

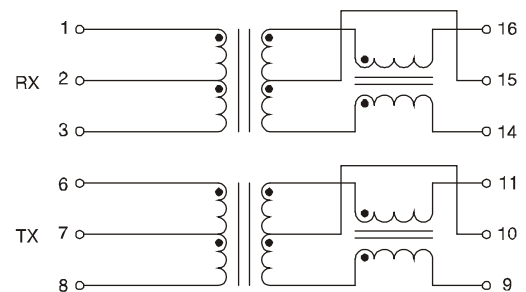
Part Number	Turns Ratio (1-5%)		Primary Inductance (μH)	Primary Capacitance (pF)Max	Leakage Inductance (μH)Max	DCR PRI (ohm)Max	Primary Pins	Hi-Pot Vrms	Fig.
	Receive (1-3:16-14)	Transmit (6-8:11-9)							
HS16005S	1CT:1CT	1CT:2.5CT	200/35min	15	0.4	0.5	6-8&1-3	2000	B
HS16020S	1CT:1CT	1CT:2.0CT	140Typ	15	0.4	0.3	6-8&1-3	2000	A
HS16021S	1CT:1CT	1CT:2.0CT	140Typ	15	0.4	0.3	6-8&1-3	2000	B
HS16022S	2CT:1CT	1CT:1.0CT	150min	10	0.6	0.35	6-8&1-3	2000	A
HS16023S	2CT:1CT	1CT:1.0CT	150min	10	0.9	0.35	6-8&1-3	2000	B
HS16024S	1CT:1CT	1CT:2.0CT	140/25Typ	15	0.4	0.3	6-8&1-3	2000	A
HS16025S	1CT:1CT	1CT:2.0CT	140/25Typ	15	0.4	0.3	6-8&1-3	2000	B

ELECTRICAL SPECIFICATION @25°C -Operating Temperature 0°C to 70°C

- Dimension: mm
 - Isolation Hi-pot: 1500Vrms(pri/sec)
 - Soldering methods:Wave,Reflow
 - Operating Temperature:0°C to 70°C
 - Storage Temperature:-55°C to 125°C
- Note:All specifications subject to change without notice.



A



B

Unless otherwise specified all tolerances are ± 0.25