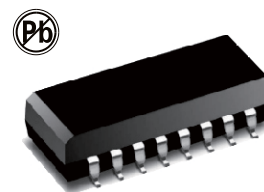


10 BASE-T COUPLING TRANSFORMER FAHS16005-16025



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 upon request
Custom Design Available
Thru Hole Available

COMMON APPLICATIONS:

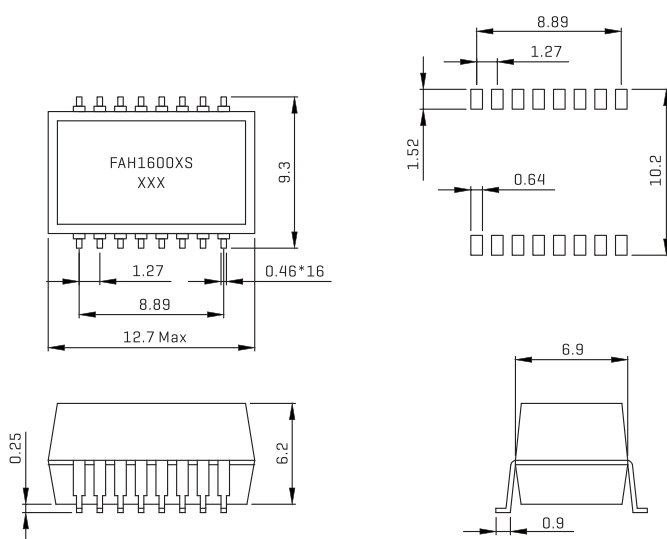
Cable interface for isolation and low common mode emissions
Designed for reflow soldering at temperature up to 234°C non-RoHS, 260°C RoHS

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

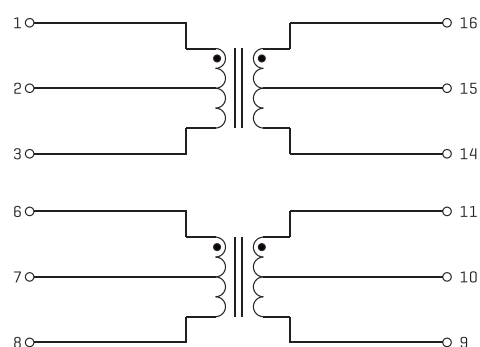
Part number	Turns Ratio [±5%]		Primary Inductance [uH]	Primary Capacitance [uH]	Leakage Inductance [uH]	DCR PRI [ohms Max]	Primary Pins	HI-POT Vrms	Fig
	Receive [1-3:16-14]	Transmit [6-8:11-9]							
FAHS16005S	1CT:1CT	1CT:2.5CT	200/35min	15	0.4	0.5	6-8&1-3	2000	B
FAHS16020S	1CT:1CT	1CT:2.0CT	140Typ	15	0.4	0.3	6-8&1-3	2000	A
FAHS16021S	1CT:1CT	1CT:2.0CT	140Typ	15	0.4	0.3	6-8&1-3	2000	B
FAHS16022S	2CT:1CT	2CT:1.0CT	150min	10	0.4	0.35	6-8&1-3	2000	A
FAHS16023S	2CT:1CT	2CT:1.0CT	150min	10	0.4	0.35	6-8&1-3	2000	B
FAHS16024S	1CT:1CT	1CT:2.0CT	140/25Typ	15	0.4	0.3	6-8&1-3	2000	A
FAHS16025S	1CT:1CT	1CT:2.0CT	140/25Typ	15	0.4	0.3	6-8&1-3	2000	B

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

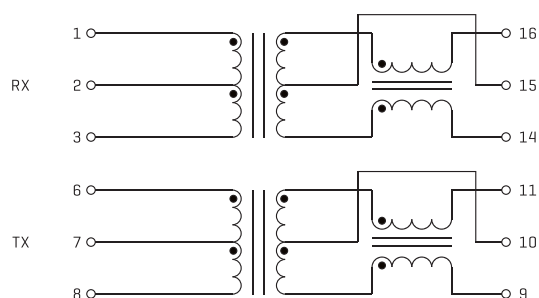
Dimension:mm
Isolation Hi-Pot:1500 VRMS[Pri/Sec]
Soldering methods:Wave,Reflow
Operating Temperature:0°C to 70°C
Storage Temperature:-55°C to 125°C
Note:All specifications subject to change without notice



Unless otherwise specified all tolerances are ±0.25



A



B