



- PoE Plus application with 700mA Current Capability
- Compliant to IEEE802.3at / ANSI X3.263
- DCR: 1.1 Ω Max
- Cw/w: 25PF TYP @100KHz, 0.2V
- LL: 0.5uH Max @100KHz, 0.2V
- Polarity: 1-48, 5-44, 7-41, 11-38, 13-36, 17-32, 19-30, 23-26 In-Phase
- Operating Temp: -40°C to +85°C

Electrical Specifications @ 25°C

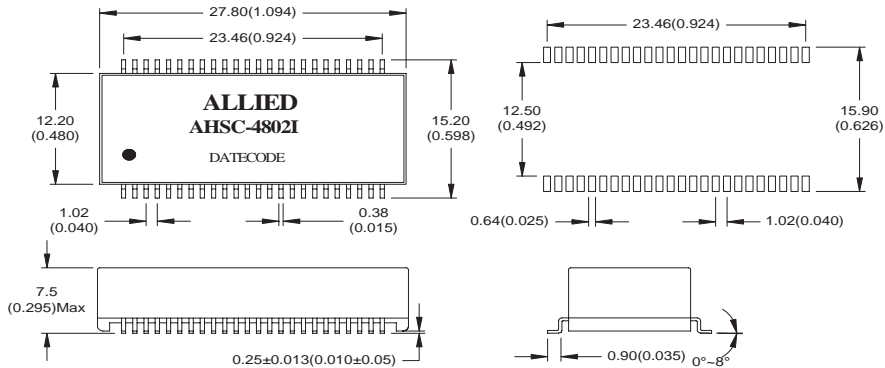
Part Number	OCL(uH Min) @ 100kHz, 200mV With 8mA DC Bias	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)				Return Loss (dB Min)		
			0.3-100MHz	0.3-30MHz	40MHz	50MHz	60-80MHz		
AHSC-4802I	350	1CT:1(TX)/1CT:1CT(RX)	-1.1	-16	-14.4	-13.1	-12		

Electrical Specifications @ 25°C

Part Number	Common Mode Rejection (dB Min)		Cross Talk (dB Min)		Isolation HI-POT (Vrms)
	1-100MHz		1-100MHz		
AHSC-4802I	-30		-30		1500

All specifications subject to change without notice.

MECHANICAL



Dimensions: mm(inch)
Unless otherwise specified, all tolerances are ±0.25(0.010)

SCHEMATICS

