



10/100/1000 BASE-T DUAL PORT MAGNETICS MODULES

- Meets IEEE 802.3 and ANSIX3.263 standards
- RoHS Compliant
- 10/100 Base-T, Surface Mount Type, Open Header .
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -25°C to +125°C

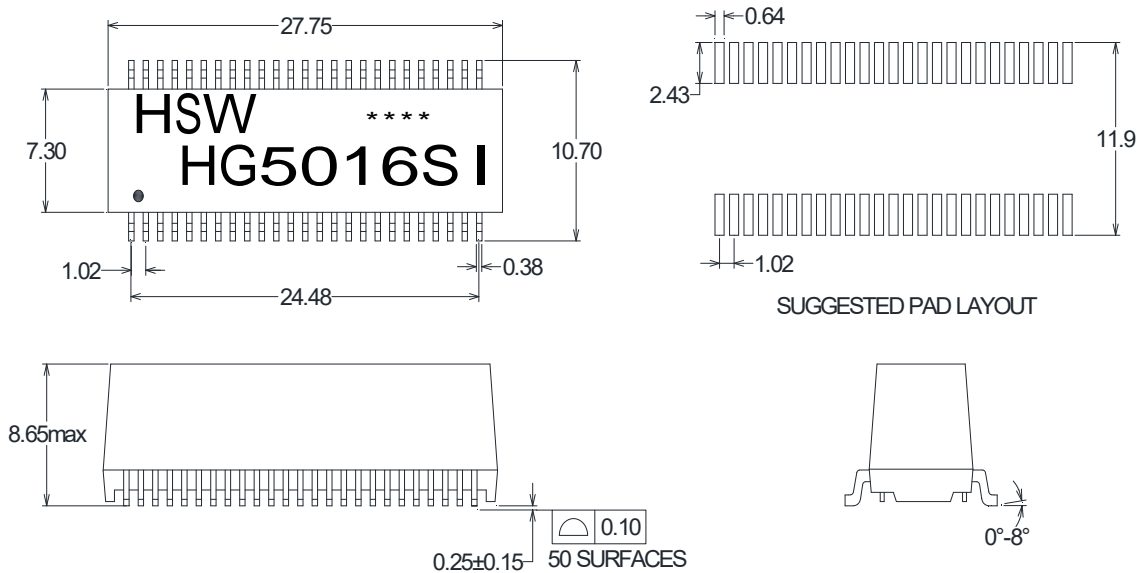
Electrical Specifications @25°C

Part Number	OCL(uH min) @100KHz/0.1V	Turns Ratio (±5%)	Cross talk (dB min)		HI-POT (Vrms)
	with 8mA DC Bias		0.5-40MHz	40.1-100MHz	
HG5016SI	350	1CT:1CT	35	33-20*log(f/50)	1500

continue

Part Number	Insertion Loss	Return Loss		CMRR (dB min) 0.5-100MHz
	(dB max)	(dB min)		
	0.5-100MHz	0.5-40MHz	40.1-100MHz	
HG5016SI	1.1	18	12-20 log(f/80)	30

MECHANICAL



SCHEMATICS

Unless otherwise specified all tolerances are: ±0.25 in mm

