



NO: RD-HA-SD109D  
 DATE: 2005/09/16 I (REV:A1)

**10/100 BASE TRANSFORMERS DESIGNED FOR NS CHIPSETS**  
**MODEL NO : HA-109D**

**FEATURE:**

**RoHS Compliant**

**RoHS peak solder rating 260**

**Designed to meet IR requirement**

**Specifications @ 25**

**Operating temp. : -40 ~ +85**

**OCL : 350uH Min @100KHz , 100mV 8mA**

Part Number	Insertion Loss 0.1 to 125 MHz ( dB MAX )	Cross talk (dB MIN)		Return Loss 5 to 100 MHz (dB MIN)		Common Mode Rejection (dB MIN)		Hi pot VAC
		1-60MHz	60-100MHz	1-60MHz	60-100MHz	1-60MHz	60-100MHz	
HA-109D	-1.0	-40	-38	-15	-14	-35	-32	1500

**SCHEMATICS:**

**DIMENSION: mm**  
**TOLERANCE:±0.25**

