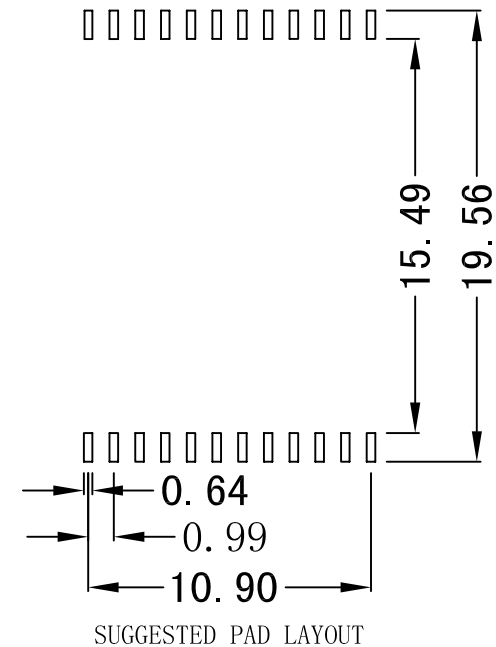
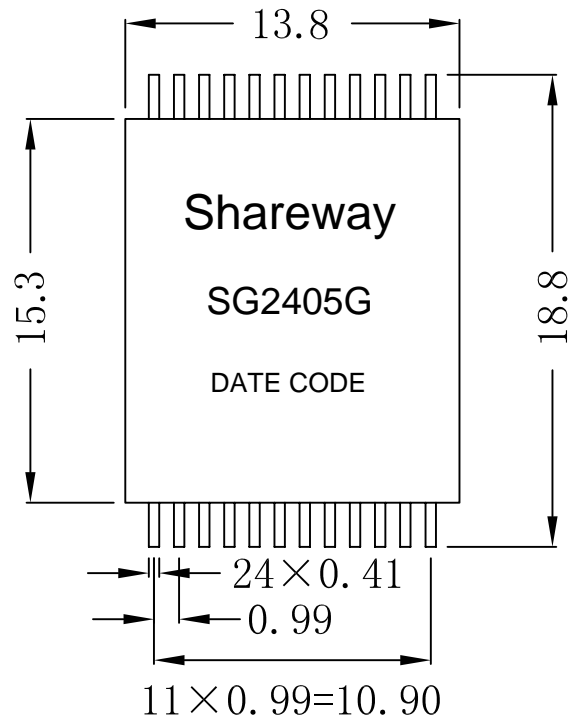
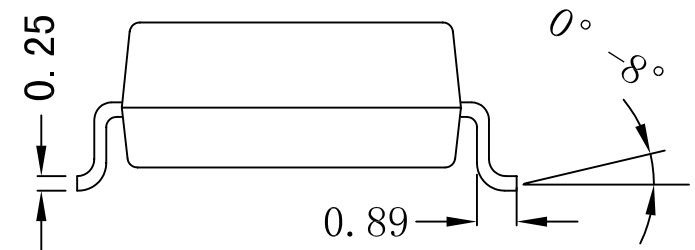
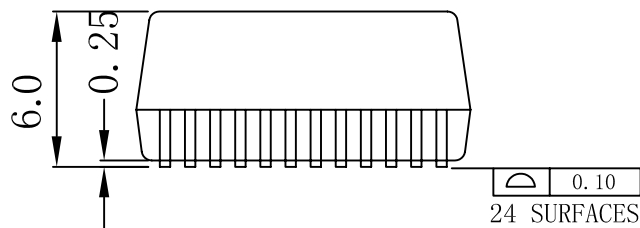


Mechanical:



RoHS
2002/95/EC



NOTES:

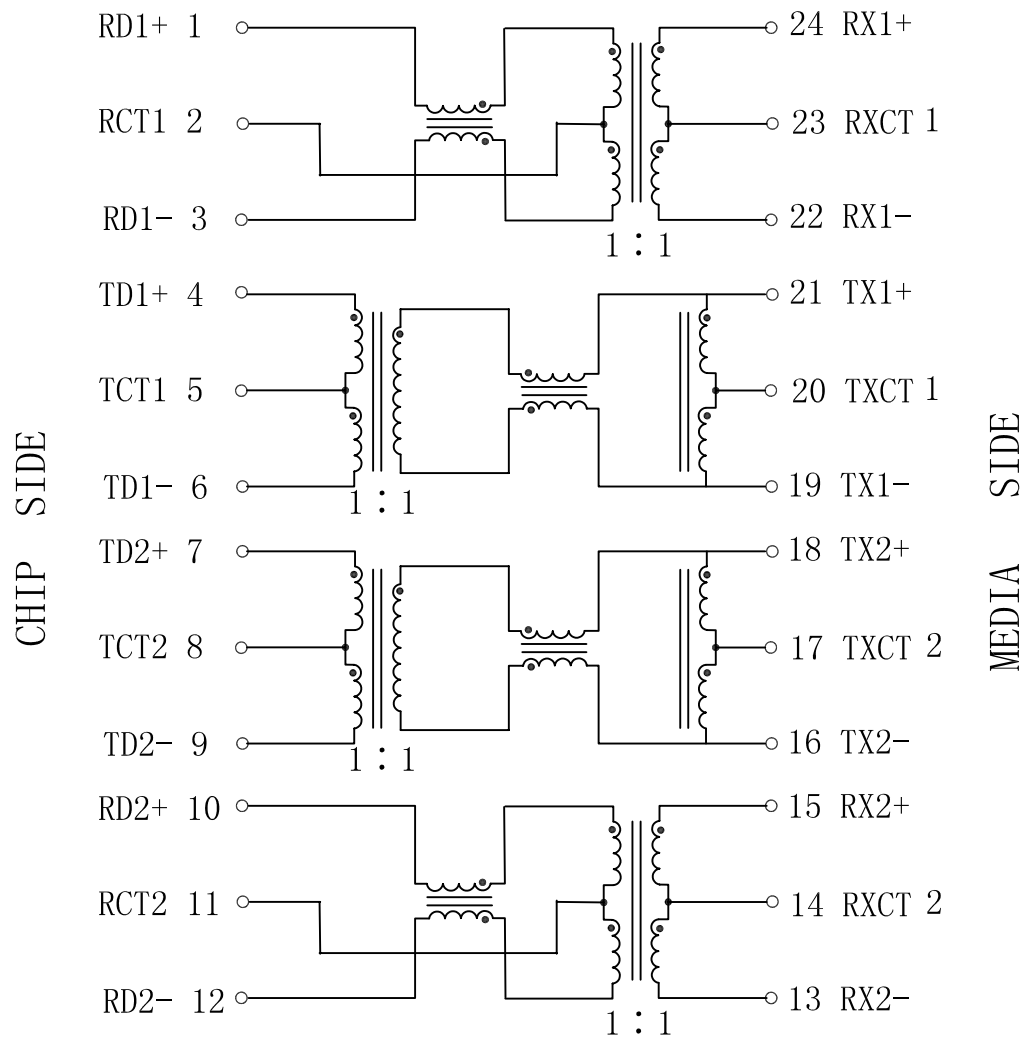
1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. With various Turns Ratios.
3. 350uH min OCL with 8mA bias current.
4. RoHS "NLE" peak solder rating 235°C.

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/03/17	

X:X	±0.20	APPD:	SHAREWAY TECHNOLOGY CO., LD	
X:XX	±0.10	CHKD:		
X:XXX	±0.05	DR: C.W.X	Title: 10/100 Base-TX VoIP Magnetic Modules & PoE	
ANGLES	±1°	UNIT: mm	PART NO.: SG2405G	
SCALE: 1/1		SHEET: 1/2	REV: A	DWG NO.:

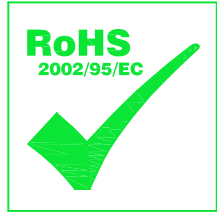
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/03/17	



Electrical Specifications @25°C

1. ISOLATION: 1500 Vrms
2. INSERTION LOSS:
-1.1dB MAX @1MHz-100MHz
3. RETURN LOSS:
-16dB Min @1-30MHz
-14dB Min @40MHz
-13dB Min @50MHz
-12dB Typ @60-80MHz
4. Differential to Common Mode Rejection:
-43dB Min @30MHz
-37dB Min @60MHz
-33dB Min @100MHz
5. Crosstalk:
-43dB Min @30MHz
-37dB Min @60MHz
-33dB Min @100MHz
6. Operating Temperature: 0°C~70°C



X:X	±0.20	APPD:	SHAREWAY TECHNOLOGY CO., LD	
X:XX	±0.10	CHKD:		
X:XXX	±0.05	DR: C.W.X	Title: 10/100 Base-TX VoIP Magnetic Modules & PoE	
ANGLES	±1°	UNIT: mm	PART NO. :	SG2405G
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO. :