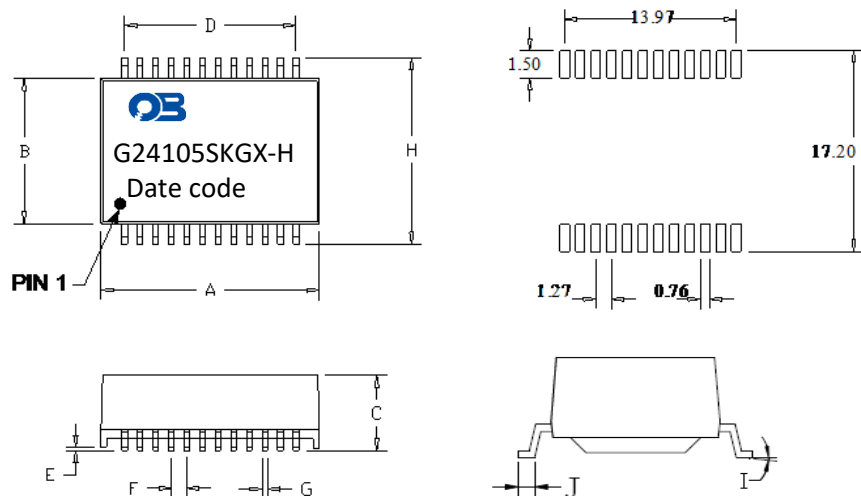
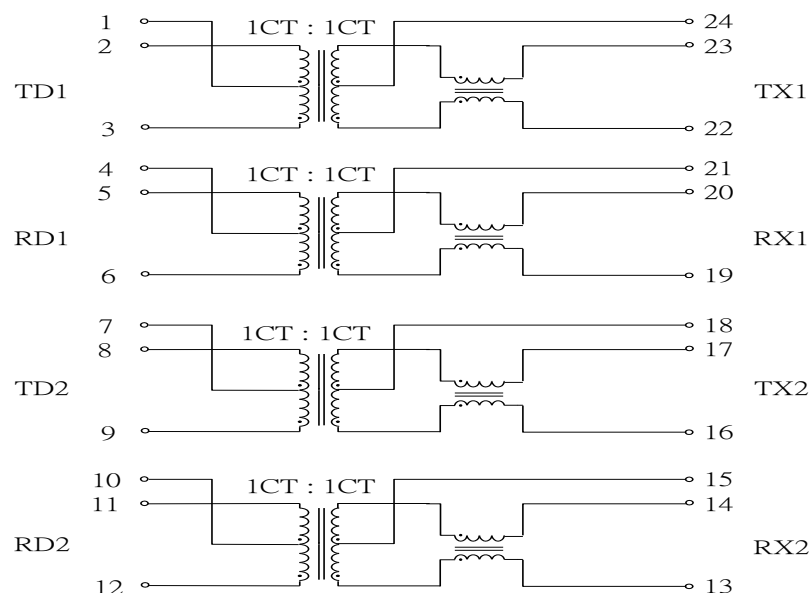


DIMENSIONS:



	MILLIMETERS	
DIM	Center	Tolerances
A	17.50	± 0.254
B	12.25	± 0.254
C	5.90 (max)	
D	13.97	± 0.127
E	0.30	± 0.254
F	1.27	± 0.127
G	0.46	± 0.127
H	16.00	± 0.254
I	0-8°	0-8°
J	0.90	± 0.254

SCHEMATIC:



ELECTRICAL SPECIFICATIONS @25 °C

OCL:350uH Min @ 100KHz,0.2V,8mA DC BIAS

720mA Current Capability--It is suitable for IEEE 802.3at

LL:0.5uH Max @100KHz,0.2V

C_{w/w}:25PF TYP @100KHz,0.2V

DCR:1.2 Ω Max

Turn Ratio: PRI/SEC 1CT:1CT $\pm$ 2%

Polarity: 2-23, 5-20, 8-17, 11-14 In-Phase

Insertion Loss : 0.3-100MHz - 1.1dB Max

Return Loss : 0.1-30MHz -18dB Min

40MHz -16dB Min

50MHz -14.1dB Min

60MHz -12.5dB Min

80-100MHz -10dB Min

Cross Talk: 0.3-30MHz -42dB Min

60-100MHz -33dB Min

Common Mode Rejection: 0.3-30MHz -40dB Min

60MHz -35dB Min

80-100MHz -30dB Min

Isolation Hi-Pot: 5000V rms 1mA 3S

OPERATING TEMPERATURE: -40 °C TO +85 °C.

Storage Temperature Range:- -25 °C to +125 °C.

Product Type: **Green Product**

TITLE 10/100/1000 BASE-T SINGLE PORT TRANSFORMER MODULE			NO.	DESCRIPTION	DATE	DRAWN BY	CHECKED BY	APPROVED BY	UNIT
			A1		2017/11/22	Wendy	Joe	Taming	MM
歐貝斯 OBEST INT, L LTD	Customer Specification NO.								DWG. NO.
								/	
	Part NO.	G24105SKGX-H							SHEET 1 OF 1
			REVISIONS						