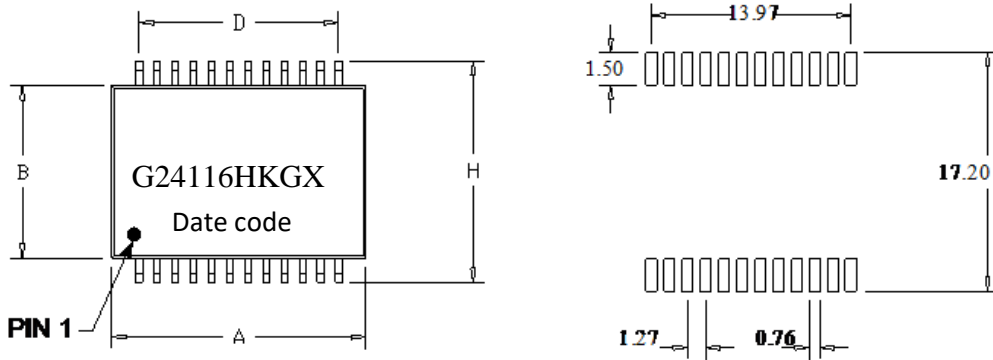


DIMENSIONS:

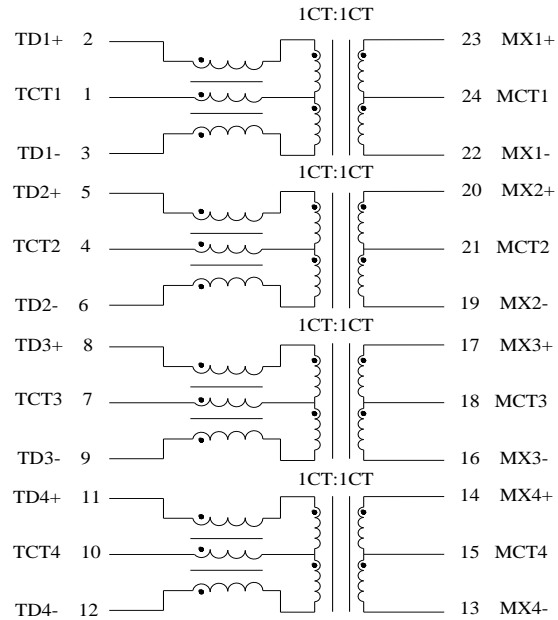


MILLIMETERS			MILLIMETERS		
DIM	Center	Tolerances	DIM	Center	Tolerances
A	18.5Max		F	1.27	± 0.127
B	13.00	± 0.254	G	0.46	± 0.127
C	10.16	(max)	H	16.00	± 0.254
D	13.97	± 0.127	I	0-8°	0-8°
E	0.30	± 0.127	J	0.90	± 0.254

A. ELECTRICAL SPECIFICATIONS @25 °C

- OCL: 350uH Min @ 100KHz, 0.2V, 8mA DC BIAS
- 200uH Min @ 100KHz, 0.2V, 35mA DC BIAS
- 1.5A Current Capability--It is suitable for IEEE 802.3 per POE port
- LL: 0.5uH Max @ 100KHz, 0.2V
- Cw/w: 25PF TYP @ 100KHz, 0.2V
- DCR: 0.9 Ω Max
- Turn Ratio: 1CT:1CT/1CT:1CT±2%
- Polarity: 23-2, 20-5, 17-8, 14-11 In-Phase
- Insertion Loss : 0.5-100MHz - 1.0dB Max
- Return Loss : 1-40MHz -16dB Min
- 40 ~ 60MHz -14dB Min
- 60 ~ 80MHz -12dB Min
- 80 ~ 100MHz -10dB Min
- Cross Talk: 30MHz -35.8dB Min
- 60MHz -31.4dB Min
- 100MHz -28.0dB Min
- CMRR: 0.5-100MHz -42dB Min
- DCMR: 0.5-100MHz -30dB Min
- Isolation Hi-Pot: 1500Vrms 1mA 60Sec
- OPERATING TEMPERATURE: -40 °C TO +85 °C
- Storage Temperature Range: -40 °C TO +85 °C.
- Product Type: Green Product**

SCHEMATIC:



TITLE		10/100/1000 BASE-T SINGLE PORT TRANSFORMER MODULE				UNIT	MM
歐貝斯 OBEST INT, L LTD	Customer Specification NO.					DWG. NO.	/
	Part NO.	G24116HKGX					
REVISIONS						SHEET 1 OF 1	