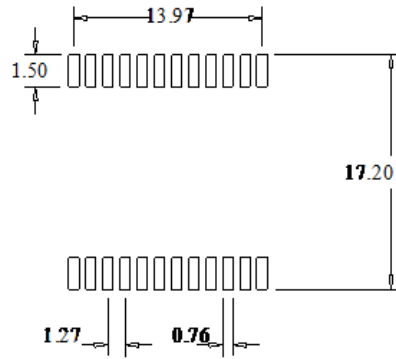
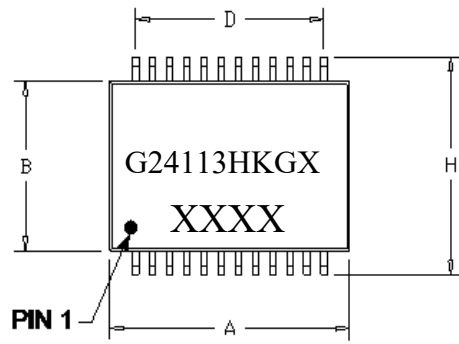
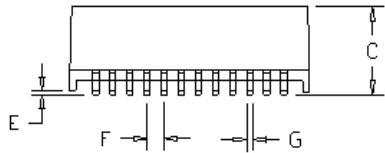


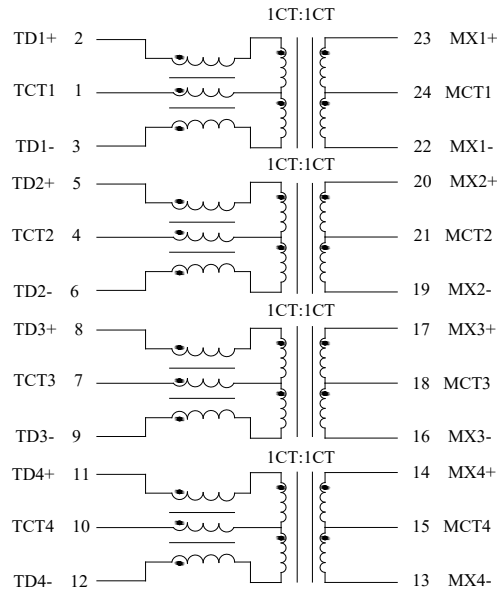
**DIMENSIONS:**



DIM	MILLIMETERS	
	Center	Tolerances
A	18.3Max	
B	12.25	± 0.254
C	6.80	(max)
D	13.97	± 0.127
E	0.30	± 0.127
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

300uH Min @ 100KHz,0.2V,25mA DC BIAS

1.5A Current Capability--It is suitable for IEEE 802.3

LL:0.5uH Max @100KHz,0.2V

Cw/w:30PF TYP @100KHz,0.2V

DCR:1.2 Ω Max

Turn Ratio:1CT:1CT/1CT:1CT±2%

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

Insertion Loss : 0.3-1MHz - 1.1dB Max

1-65MHz - 0.8dB Max

65-100MHz - 1.0dB Max

100-125MHz - 1.2dB Max

Return Loss : 1-30MHz -18dB Min

40MHz -18dB Min

50MHz -16dB Min

60MHz -14.5dB Min

80MHz -12dB Min

100MHz -10dB Min

Cross Talk: 30MHz -43.5dB Min

60MHz -37.4dB Min

100MHz -33.0dB Min

CMRR: 0.3-30MHz -30dB Min

60MHz -30dB Min

80-100MHz -30dB Min

DCMR: 30MHz -35dB Min

60MHz -35dB Min

80-100MHz -35dB Min

Isolation Hi-Pot:1500Vrms 1Sec

OPERATING TEMPERATURE: -40 °C TO +105 °C

Storage Temperature Range:-40 °C TO +85 °C.

**TITLE**

10/100/1000 BASE-T SINGLE PORT TRANSFORMER MODULE

UNIT

MM

Customer Specification NO.

DWG. NO.

/

歐貝斯

OBEST INT, L LTD

Part NO.

G24113HKGX

X1

NO.

DESCRIPTION

DATE

NO.

DESCRIPTION

DATE

REVISIONS

SHEET 1 OF 1