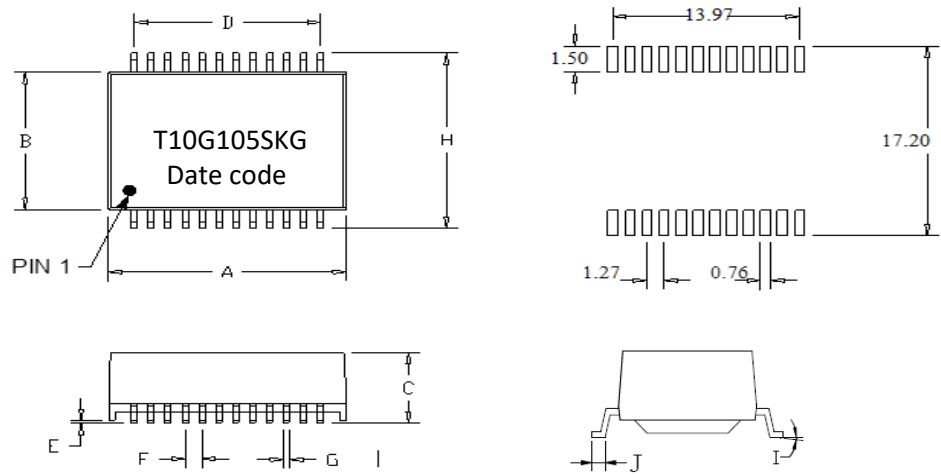
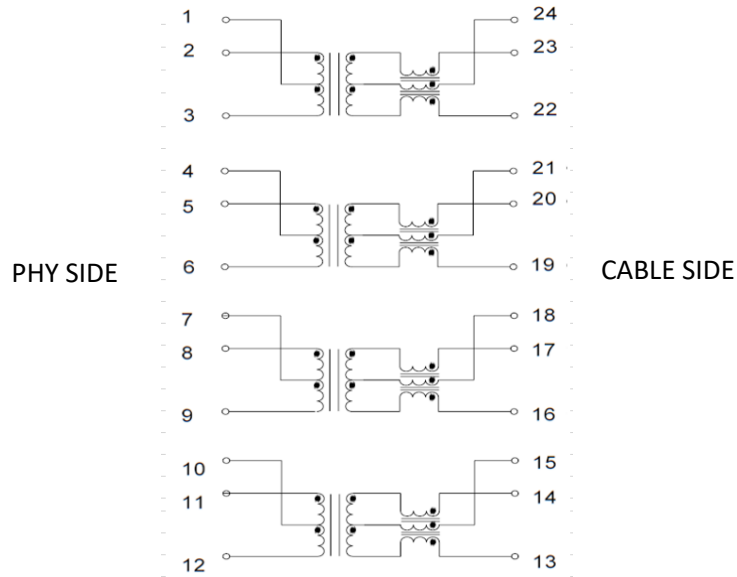


DIMENSIONS:



SCHEMATIC:



DIM	MILLIMETERS	
	Center	Tolerances
A	18.0 Max	
B	12.00	± 0.300
C	6.20	(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

ELECTRICAL SPECIFICATIONS @25 °C

10G BASE-T Ethernet Magnetics

1A Current Capability @57V

PARAMETER	SPECIFICATIONS		
OPERATING	-40 TO 90 °C		
URNS RATIO	1.00±2%		
POLARITY	PER SCHEMATIC		
INSERTION LOSS	300KHz	1~400MHZ	400~500MHZ
	-3.0dB MAX	-1.5dB MAX	-3.0dB MAX
RETURN LOSS (Z OUT=100 OHM±1%	1-40 MHz	40~400MHZ	400~500MHZ
	-18dB Min	-(20-10*log(f/40))	-8dB MIN
INDUCTANCE(OCL)	120uH Min @ 100KHz. 100 Mv 5mA Dc bias		
CROSSTALK,ADJACENT T CHANNELS	1-100MHZ	100-500 MHz	
	-35dB Min	-19 dB Min	
COMMON MODE REJECTION RATIO	1-100MHZ	100-300MHZ	300-500 MHz
	-30dB Min	-28dB Min	-22dB Min
DIFFERENTOAL MODE	1-250MHZ	250-500MHZ	
	-30dB Min	-22dB Min	
ISOLATION	6000 DC MIN @ 1 SECONDS		

TITLE

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

NO.	DESCRIPTION	DATE	AWN	CHECKED BY	APPROVED BY	UNIT
A1		2023/6/1	Lulu	Black	Taming	MM
						DWG. NO.
						/
						SHEET 1 OF 1
REVISIONS						

歐貝斯
OBEST INT, L LTD

Customer Specification NO.

Part NO.

T10G105SKG