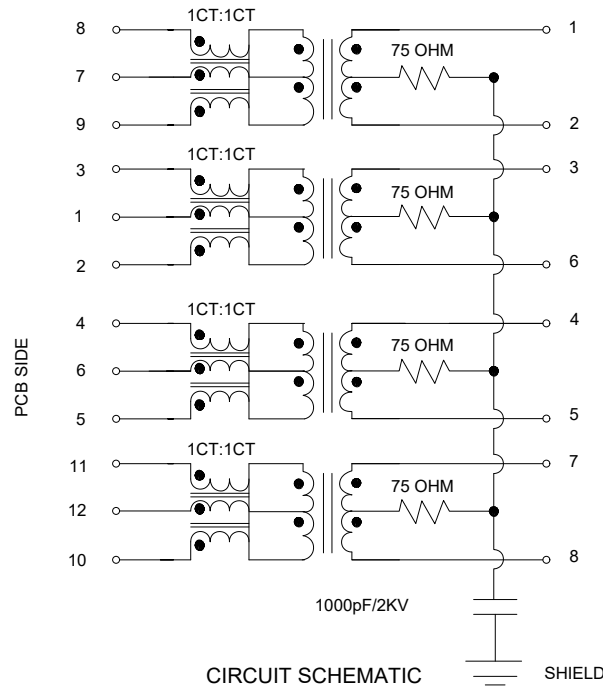
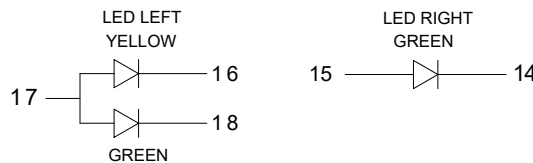


RECOMMENDED PCB LAYOUT



CIRCUIT SCHEMATIC



NOTES:
HOUSING
SHIELD
RJ TERMINAL

: NYLON66 GLASS FILLED UL94V-0 BLACK
: SUS201 NICKEL PLATING 20u" MIN.
: NYLON66 UL94V-0 BLACK C5210EH NICKEL
PLATING 40U"-60U" FOR ALL TIN 100% AND
GOLD PLATING
: NYLON66 GLASS FILLED UL94V-0 BLACK
SUS430 NICKEL PLATING 40U"-60U" FOR
ALL AND TIN 100%

INPUT TERMINAL

OPERATION TEMPERATURE : -40°C ~ +85°C

PARAMETER	SPECIFICATIONS	
URNS RATIO	1.00±2%	
POLARITY	PER SCHEMATIC	
PRIMARY INDUCTANCE	120uH Min. @100KHz, 100mV	
INSERTION LOSS	1-65MHz	-0.8dB Max.
	65-125MHz	-1.0dB Max.
	125-400MHz	-2.5dB Max.
	400-500MHz	-3.5dB Max.
RETURN LOSS	1-40MHz	-18dB Min.
	40-400MHz	-18+10*LOG ₁₀ (f/40) dB Min.
	300-500MHz	-8+30*LOG ₁₀ (f/400) dB Min.
CROSS TALK ADJACENT CHANNELS (SDD21-ADJ.)	1-100MHz	-30dB Min.
	100-500MHz	-20dB Min.
COMMON MODE REJECTION RATIO (SCC21)	1-100MHz	-30dB Min.
	100-300MHz	-22dB Min.
	300-500MHz	-17dB Min.
COMM. TO DIFF REJECTION RATIO (SDC12)	1-100MHz	-32dB Min.
	100-300MHz	-27dB Min.
	300-500MHz	-22dB Min.
ISOLATION	2250V DC FOR 60s	

 E.S. GLOBAL TOP		UNIT	mm
		REVISION	A
PRODUCT		RJ45 1X1 ICM 10G BASE-T	
DWG NO.		PART NO.	
EZ111S-112NU21-01			
PROJECTION	SCALE	SHEET	1 OF 1

TOLERANCES
.0 ± 0.38
.00 ± 0.20
.000 ± 0.10
0° ± 2.0°
0° ± 1.0°