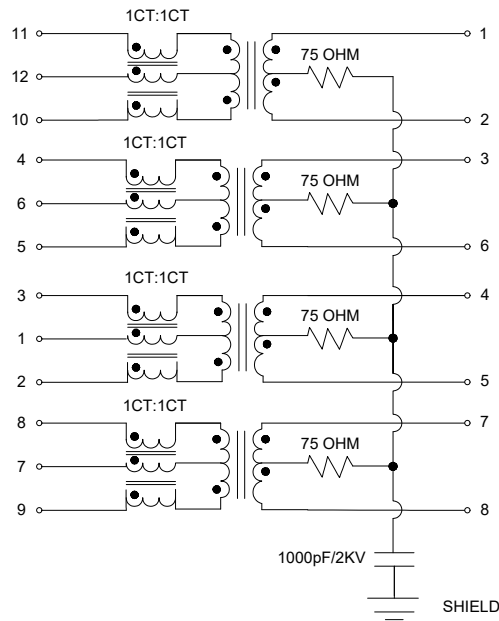


RECOMMENDED PCB LAYOUT



CIRCUIT SCHEMATIC



NOTES:
MECHANICAL
 HOUSING
 SHIELD
 RJ TERMINAL
 INPUT TERMINAL

: PA46 GLASS FILLED
 POLYESTER UL94V-0 BLACK
 : BRASS C2680H PLATING NICKEL
 20u" Min.
 : PA46 UL94V-0 BLACK
 PHOSPHOR BRONZE C5210EH
 NICKEL 40u"~60u" FOR ALL
 Sn 100% AND GOLD PLATING
 : PA46, GLASS FILLED
 UL94V-0 BLACK C2680
 NICKEL 40u"~60u" FOR ALL AND
 Sn 100%

ENVIRONMENTAL

STORAGE TEMPERATURE : -40°C~+85°C
 OPERATION TEMPERATURE : 0°C~+70°C

PARAMETER	SPECIFICATIONS	
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.
RETURN LOSS	400-500MHz	-3.5dB Max.
	1-40MHz	-18dB Min.
	40-400MHz	-18+10*LOG ₁₀ (f/40) dB Min.
CROSS TALK	300-500MHz	-8+30*LOG ₁₀ (f/400) dB Min.
	1-100MHz	-30dB Min.
COMMON MODE REJECTION RATIO	100-500MHz	-20dB Min.
	100-300MHz	-22dB Min.
	300-500MHz	-17dB Min.
COMM. MODE REJECTION RATIO	1-100MHz	-32dB Min.
	100-300MHz	-27dB Min.
	300-500MHz	-22dB Min.
ISOLATION	2250V DC FOR 60s	

		UNIT	mm
		REVISION	P1
PRODUCT		RJ45 1x1 ICM 10G Base-T	
DWG NO.		PART NO.	
EZ111S-115NU21-01			
PROJECTION	SCALE	SHEET	1 OF 1