



PIN	YELLOW	GREEN
P9	-	P11 -
P10	+	P12 +

CIRCUIT SCHEMATIC

NOTES:

MECHANICAL

- HOUSING : THERMOPLASTIC BLACK UL94V-0
- CONTACT : COPPER ALLOY
- CONTACT PLATING : SELECTIVE GOLD, 6 MICRO-INCHES
Min. IN CONTACT AREA
- SHIELD : BRASS
- SHIELD PLATING : NICKEL

ENVIRONMENTAL

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

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	FORWARD V(Max.)	TYP
GREEN	565nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V

WITH A FORWARD CURRENT OF 20mA

PARAMETER	SPECIFICATIONS	
TURN RATIO @100KHz	(P1~P3):(J1~J2) = 1:1±5% (P4~P6):(J3~J6) = 1:1±5%	
PRIMARY INDUCTANCE	350uH Min. @100KHz, 0.1V 8mA DC BIAS	
DC RESISTANCE	(J1~J2):(J3~J6) 1.2OHMS Max.	
INSERTION LOSS	1-100MHz	-1.2dB Max.
RETURN LOSS	1-30MHz	-16dB Min.
	30-60MHz	-12dB Min.
	60-80MHz	-10dB Min.
CROSS TALK	1-100MHz	-30dB Min.
COMMON MODE REJECTION RATIO	1-100MHz	-30dB Min.
ISOLATION PHY SIDE TO LINE SIDE	1500V AC OR 2250V DC	

		UNIT	mm
		REVISION	A
PRODUCT		RJ45 1X1 ICM 10/100 Base-T	
DWG NO.		PART NO.	
EZI01SO-108N21-01			
PROJECTION	SCALE	SHEET	1 OF 1

UNIT
mm

REVISION
A

PRODUCT
RJ45 1X1 ICM 10/100 Base-T

DWG NO.
EZI01SO-108N21-01

PART NO.

TOLERANCES
±0.10 UNLESS
OTHERWISE
SPECIFIED

PROJECTION

SCALE

SHEET

1 OF 1