



RECOMMENDED PANEL OPENING

PARAMETER	SPECIFICATIONS	
TURN RATIO @100KHz	(P1~P2):(J1~J2) = 1:1±5% (P3~P4):(J3~J6) = 1:1±5% (P7~P8):(J4~J5) = 1:1±5% (P9~P10):(J7~J8) = 1:1±5%	
PRIMARY INDUCTANCE	350uH min. @100KHz, 0.1V 8mA DC BIAS	
DC RESISTANCE	1.2Ω max.	
INSERTION LOSS	1-100MHz	-1.0dB max.
	1-40MHz	-16dB min.
	40-60MHz	-12dB min.
	60-80MHz	-10dB min.
RETURN LOSS	80-100MHz	-8dB min.
	1-100MHz	-30dB min.
CROSS TALK	1-100MHz	-30dB min.
COMMON TO COMMON MODE ATTENUATION	1-100MHz	-30dB min.
SURGE PROTECTION	LINE TO GND 4KV LINE TO LINE 2KV	

Note
Housing: PA66 black UL94 V-0
Insert: PA66 black UL94 V-0
Shield: brass, nickel plating
Contact: phosphor bronze, gold plating
6 micro-inch min. on contact area
Operating temperature: -40°C ~ +85°C
Storage temperature: -40°C ~ +85°C

		UNIT	mm
		REVISION	A
PRODUCT	RJ45 2X2 ICM 10/100 Base-T		TOLERANCES
DWG NO.	EZI01S-2410N21-01	PART NO.	±0.10 UNLESS OTHERWISE SPECIFIED
PROJECTION	SCALE	SHEET	1 OF 2

