



Note
 Housing & insert: LCP black UL 94V-0
 Terminal: copper alloy Au 6u plated over contact area
 Shield: brass Ni plated
 Operating temperature: 0°C~+70°C

PARAMETER	SPECIFICATIONS	
TURN RATIO @100KHz	(P3~P4);(J1~J2)	1:1 ±5%
	(P7~P8);(J3~J6)	1:1 ±5%
DC RESISTANCE	(J1~J2);(J3~J6)	1.2 OHMS max.
INSERTION LOSS	1-100MHz	-1.2 dB max.
CROSS TALK	1-100MHz	-30 dB min.
	1-30MHz	-16 dB min.
	30-60MHz	-12 dB min.
RETURN LOSS	60-80MHz	-10 dB min.
	1-100MHz	-30 dB min.
COMMON TO COMMON MODE ATTENUATION	1-100MHz	-30 dB min.
ISOLATION PHY SIDE TO LINE SIDE	1500 VAC OR 2250 VDC	
PRIMARY INDUCTANCE @100KHz 0.1V with 8mA DC bias	350 uH min.	

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

SGT <i>E.S. GLOBAL TOP</i>			UNIT	mm
			REVISION	A
PRODUCT			RJ45 1x1 SIDE ENTRY 10/100Base-T SMT	
DWG NO.			EZI01S-108S11-02	
PART NO.				
PROJECTION	SCALE	SHEET	1 OF 1	
			TOLERANCES	
			±0.01 unless otherwise specified	