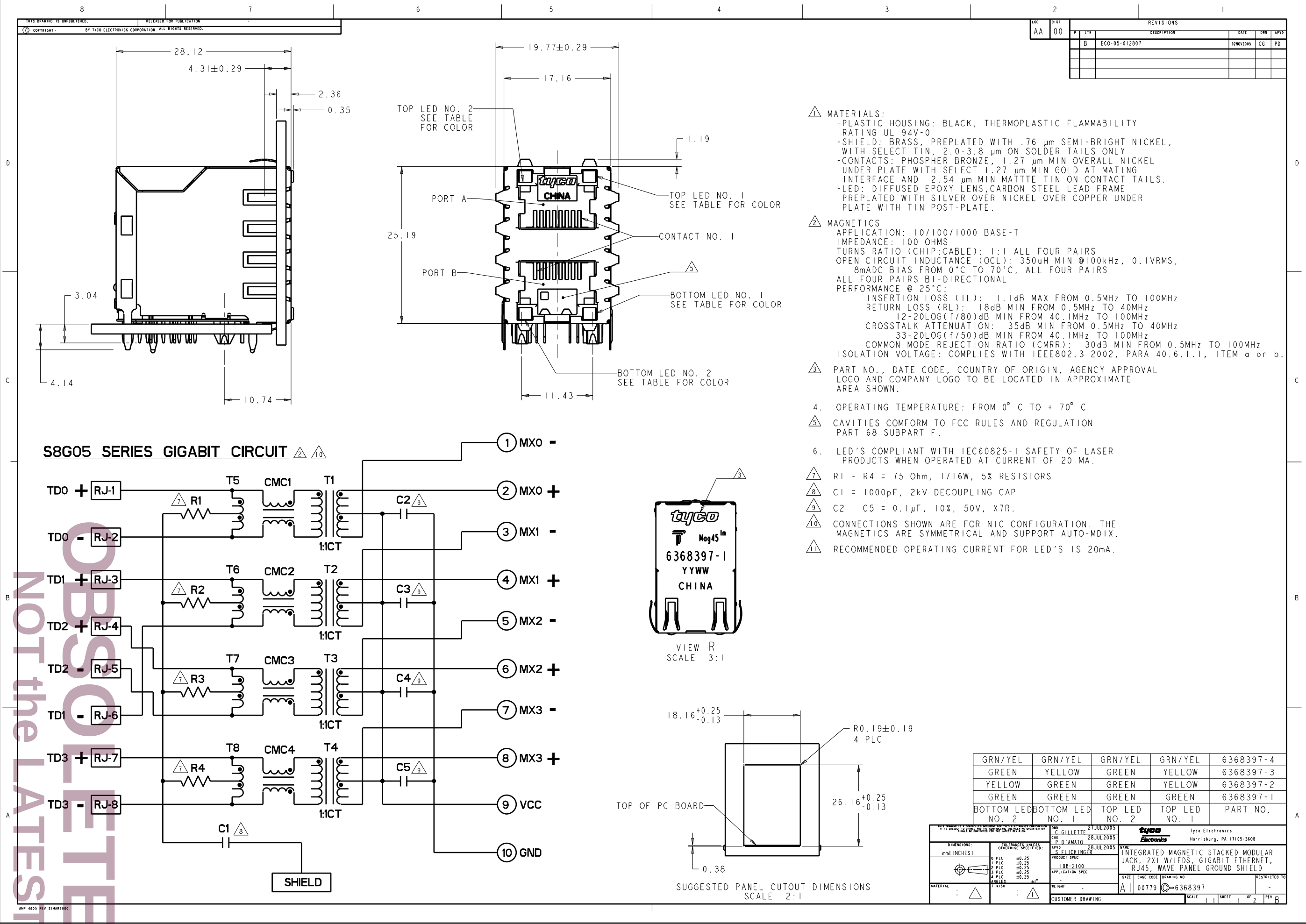




- △ MATERIALS:
- PLASTIC HOUSING: BLACK, THERMOPLASTIC FLAMMABILITY RATING UL 94V-0
- SHIELD: BRASS, PREPLATED WITH .76 μm SEMI-BRIGHT NICKEL, WITH SELECT TIN, 2.0-3.8 μm ON SOLDER TAILS ONLY
- CONTACTS: PHOSPHOR BRONZE, 1.27 μm MIN OVERALL NICKEL UNDER PLATE WITH SELECT 1.27 μm MIN GOLD AT MATING INTERFACE AND 2.54 μm MIN MATTIE TIN ON CONTACT TAILS.
- LED: DIFFUSED EPOXY LENS, CARBON STEEL LEAD FRAME PREPLATED WITH SILVER OVER NICKEL OVER COPPER UNDER PLATE WITH TIN POST-PLATE.
- △ MAGNETICS
APPLICATION: 10/100/1000 BASE-T
IMPEDANCE: 100 OHMS
TURNS RATIO (CHIP: CABLE): 1:1 ALL FOUR PAIRS
OPEN CIRCUIT INDUCTANCE (OCL): 350uH MIN @100kHz, 0.1VRMS, 8mADC BIAS FROM 0°C TO 70°C, ALL FOUR PAIRS
ALL FOUR PAIRS BI-DIRECTIONAL
PERFORMANCE @ 25°C:
INSERTION LOSS (IL): 1.1dB MAX FROM 0.5MHz TO 100MHz
RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 40MHz
12-20LOG(f/80)dB MIN FROM 40.1MHz TO 100MHz
CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz
33-20LOG(f/50)dB MIN FROM 40.1MHz TO 100MHz
COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz
ISOLATION VOLTAGE: COMPLIES WITH IEEE802.3 2002, PARA 40.6.1.1, ITEM a or b.
- △ PART NO., DATE CODE, COUNTRY OF ORIGIN, AGENCY APPROVAL LOGO AND COMPANY LOGO TO BE LOCATED IN APPROXIMATE AREA SHOWN.
4. OPERATING TEMPERATURE: FROM 0° C TO + 70° C
- △ CAVITIES CONFORM TO FCC RULES AND REGULATION PART 68 SUBPART F.
6. LED'S COMPLIANT WITH IEC60825-1 SAFETY OF LASER PRODUCTS WHEN OPERATED AT CURRENT OF 20 MA.
- △ R1 - R4 = 75 Ohm, 1/16W, 5% RESISTORS
△ C1 = 1000pF, 2kV DECOUPLING CAP
△ C2 - C5 = 0.1μF, 10%, 50V, X7R.
- △ CONNECTIONS SHOWN ARE FOR NIC CONFIGURATION. THE MAGNETICS ARE SYMMETRICAL AND SUPPORT AUTO-MDIX.
- △ RECOMMENDED OPERATING CURRENT FOR LED'S IS 20mA.

GRN/YEL	GRN/YEL	GRN/YEL	GRN/YEL	6368397-4
GREEN	YELLOW	GREEN	YELLOW	6368397-3
YELLOW	GREEN	GREEN	YELLOW	6368397-2
GREEN	GREEN	GREEN	GREEN	6368397-1
PART NO.				

C. GILLETTE 27 JUL 2005		Tyco Electronics	
P. D'AMATO 28 JUL 2005		Harrisburg, PA 17105-3608	
S. ELICKINGER 28 JUL 2005		NAME	
PRODUCT SPEC		INTEGRATED MAGNETIC STACKED MODULAR	
APPLICATION SPEC		JACK, 2X1 W/LEDs, GIGABIT ETHERNET,	
MATERIAL		RJ45, WAVE PANEL GROUND SHIELD	
FINISH		SIZE	
		CAGE CODE	
		DRAWING NO	
		WEIGHT	
		A 00779 C-6368397	
		RESTRICTED TO	
		CUSTOMER DRAWING	
		SCALE 1:1 SHEET 1 OF 2 REV B	

NOT the LATEST REVISION

