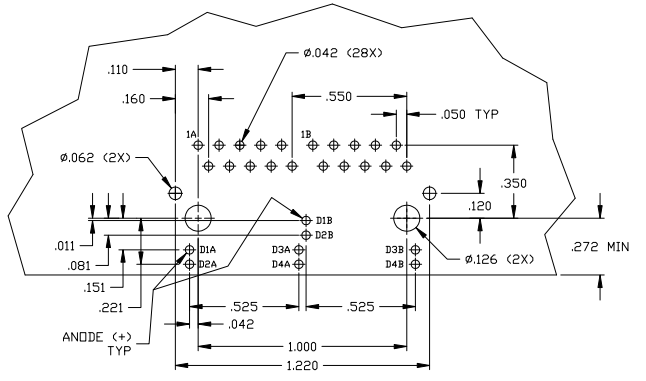
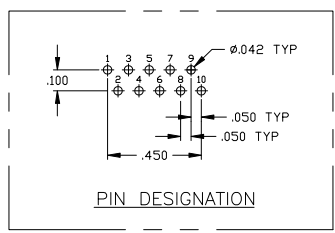
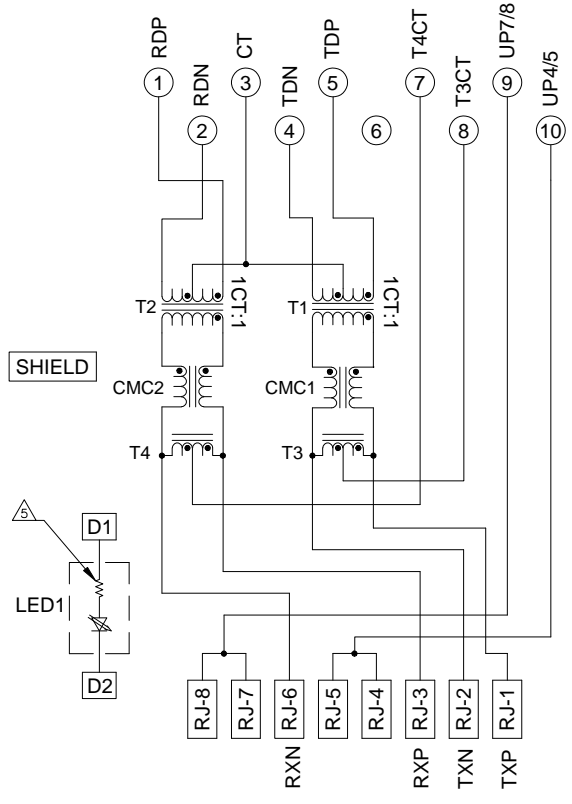


- MATERIALS:**
- HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0
 - SHIELD - .010" THICK, C26800 BRASS PREPLATED WITH 30μINCH MIN SEMI-BRIGHT NICKEL. SOLDER TABS POST DIPPED WITH 100μINCH MIN SAC SOLDER.
 - MOD JACK CONTACTS - 0.0157 X 0.018" PHOSPHOR BRONZE, 50μINCH MIN OVERALL NICKEL UNDERPLATE WITH SELECT 50μINCH MIN HARD GOLD FINISH PLATE.
 - SOLDER TAILS WITH 100μINCH MIN MATTE TIN AND/OR SAC SOLDER DIP.
 - LIGHT EMITTING DIODE(LED) - DIFFUSED EPOXY LENS, .020" X .020" CARBON STEEL WIREFRAME LEADS PRE-PLATED WITH 80μINCH SILVER OVER 40μINCH NICKEL UNDERPLATE OVER 40μINCH COPPER UNDERPLATE. POST-PLATED WITH 100μINCH MIN MATTE TIN AND/OR SAC SOLDER DIP OR PURE TIN SOLDER DIP.
- RJ45 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUB PART F.**
- MAGNETICS**
- IMPEDANCE: 100 OHMS
 - TURNS RATIO (CHP-CABLE): TX = 11, RX = 1:1
 - OPEN CIRCUIT INDUCTANCE (OCL): 350μH MIN @100kHz, 0.1VRMS, 8mADC BIAS FROM 0°C TO 70°C, TX AND RX
 - POE CURRENT: 350mADC MAX
 - PERFORMANCE @ 25°C:
 - INSERTION LOSS (IL): 11dB MAX FROM 0.5MHz TO 100MHz
 - RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 30MHz
 - 18-20LOG(f/30)dB MIN FROM 30.1MHz TO 60MHz
 - 12dB MIN FROM 60.1MHz TO 80MHz
 - CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz
 - 33-20*LOG(f/50)dB MIN FROM 4.01MHz TO 100MHz
 - COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz
 - ISOLATION VOLTAGE: COMPLIES WITH IEEE802.3af 2003, PARA 33.4.1, ITEM a.
- 4. OPERATING TEMPERATURE: FROM 0°C TO -70°C.**
- 5. LEDs WITH BUILT-IN RESISTOR**
- LEDs ARE DRIVEN WITH 5V VOLTAGE AND THE MAX OPERATING CURRENT IS 20mA.
 - LED COLOR - DOMINANT WAVELENGTH (λD): GREEN 568 nm TYP. @ VF=5V
 - FORWARD CURRENT (IF): GREEN 12 mA TYP. @ VF=5V
 - DOMINANT WAVELENGTH (λD): YELLOW 588 nm TYP. @ VF=5V
 - FORWARD CURRENT (IF): YELLOW 13 mA TYP. @ VF=5V
- 6. INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION THE MAGNETICS ARE SYMMETRICAL AND ARE AUTO-MDI/MIX CAPABLE.**
- 7. TYCO ELECTRONICS LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.**
- 8. THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS, PEAK WAVE SOLDERING TEMPERATURE IS 265°C MAX, 10 SECONDS MAX.**

GREEN	GREEN	1-6610128-1
LED1	LED2	PART NUMBER
TE Connectivity		
THIS DRAWING IS A CONTROLLED DOCUMENT		
DESIGNER: J. FERNANDEZ	DATE: 10/10/00	REV: 1
DRWING: J. FERNANDEZ	DATE: 10/10/00	REV: 2
CHK: J. FERNANDEZ	DATE: 10/10/00	REV: 3
APP: J. FERNANDEZ	DATE: 10/10/00	REV: 4
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 5
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 6
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 7
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 8
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 9
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 10
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 11
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 12
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 13
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 14
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 15
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 16
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 17
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 18
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 19
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 20
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 21
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 22
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 23
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 24
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 25
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 26
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 27
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 28
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 29
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 30
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 31
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 32
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 33
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 34
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 35
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 36
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 37
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 38
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 39
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 40
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 41
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 42
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 43
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 44
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 45
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 46
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 47
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 48
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 49
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 50
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 51
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 52
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 53
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 54
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 55
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 56
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 57
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 58
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 59
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 60
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 61
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 62
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 63
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 64
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 65
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 66
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 67
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 68
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 69
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 70
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 71
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 72
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 73
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 74
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 75
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 76
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 77
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 78
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 79
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 80
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 81
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 82
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 83
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 84
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 85
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 86
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 87
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 88
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 89
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 90
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 91
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 92
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 93
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 94
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 95
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 96
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 97
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 98
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 99
REV: J. FERNANDEZ	DATE: 10/10/00	REV: 100

7V15 MAGNETIC CIRCUIT 



SUGGESTED PCB LAYOUT
 (Component Side)

THIS DRAWING IS A CONTROLLED DOCUMENT		REV. AA	DATE 22	BY	TE Connectivity
DESIGNER	DATE	APPROVED	DATE	BY	TE Connectivity
108-2100	10/100	108-2100	10/100	108-2100	10/100
CUSTOMER DRAWING		A100779		6610128	
SHEET 1		PAGE 4:1		REV. 0	