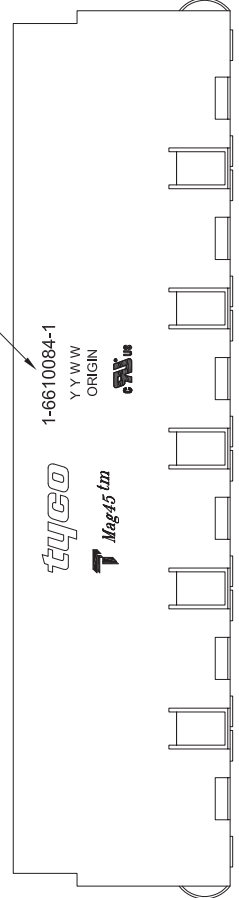
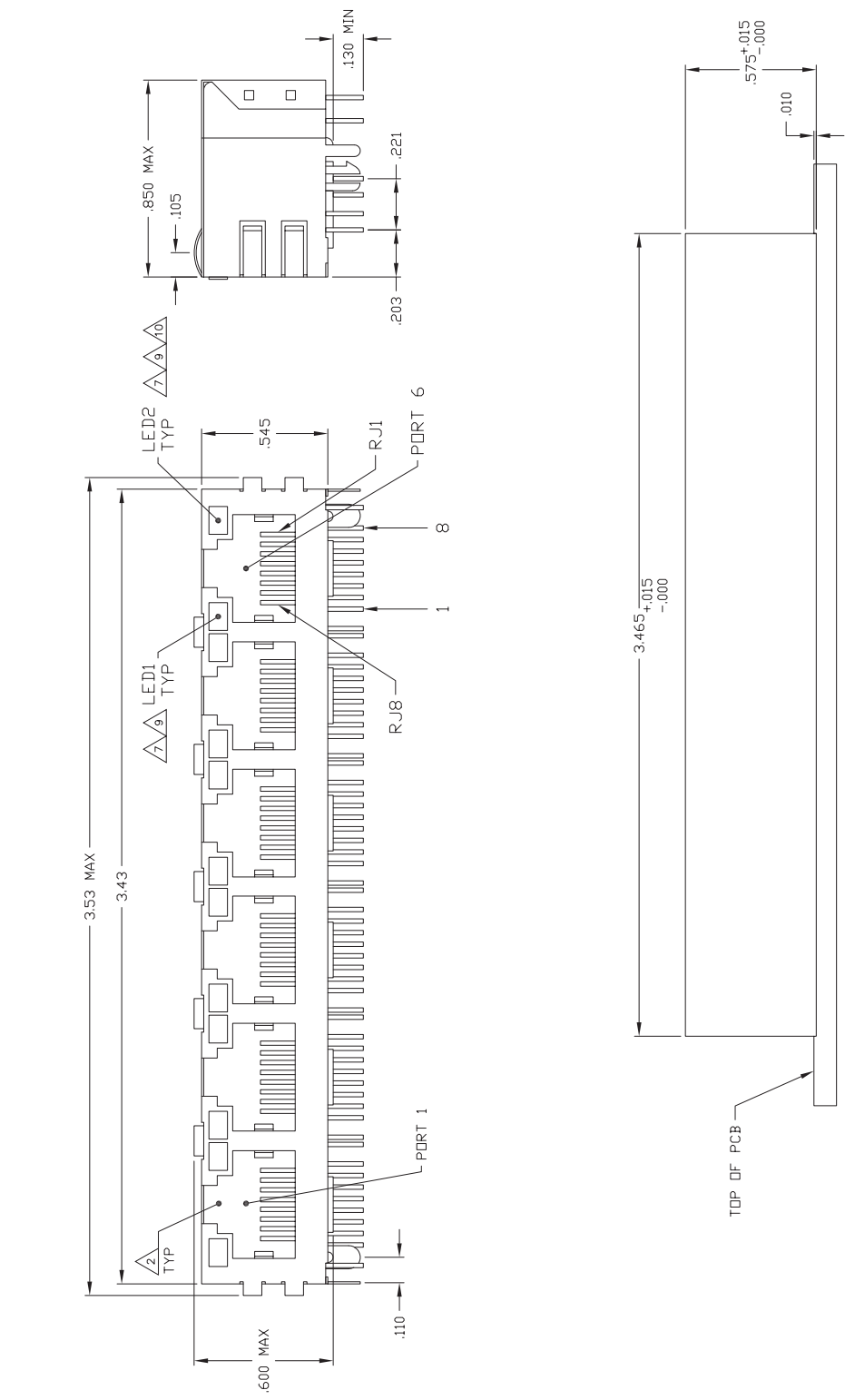


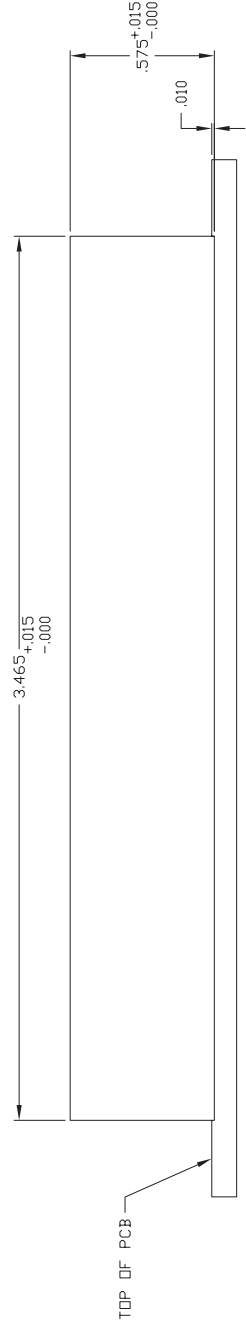
MECHANICAL:



- 1. MATERIALS:
 - HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0
 - SOLDER - 60/40
 - LEAD - 100% TIN
 - SOLDER MASK - 100% TIN
 - JACK CONTACTS - 0.0157 X 0.0187 PHOSPHOR BRONZE, 50MIL MIN OVERALL
 - NICKEL UNDERPLATE WITH SELECT 50MIL MIN HARD GOLD FINISH PLATE
 - SOLDER TAILS WITH 100MIL MIN MATTIE TIN AND/OR SAC SOLDER DIP
 - LIGHT EMITTING DIODES - DIFFUSED EPOXY LENS, 020" X 020" CARBON STEEL
 - WIRE BOND LEADS PREPARED BY THERMOPLASTIC OVER 40MIL MIN NICKEL
 - WIRE BOND LEADS PREPARED BY THERMOPLASTIC OVER 40MIL MIN NICKEL
 - 100MIL MIN MATTIE TIN AND/OR SAC SOLDER DIP OR PURE TIN SOLDER DIP
- 2. R14.5 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUB PART F.
- 3. MAGNETICS:
 - MAGNETIC COE. 100 OHMS
 - TURNS RATIO (CHP/CABLE), TX = 11, RX = 11
 - OPEN CIRCUIT INDUCTANCE (OCL) - 350MHZ MIN @ 100MHZ, 0.1V RMS
 - MADE BIAS FROM 0°C TO 70°C, TX AND RX
 - PERFORMANCE @ 25°C
 - INSERTION LOSS (IL) - 1.1DB MAX FROM 0.5MHZ TO 100MHZ
 - RETURN LOSS (RL) - 20DB MIN FROM 0.5MHZ TO 100MHZ
 - ISOLATION LOSS (IL) - 18-20LOG(1/20)DB MIN FROM 30 MHZ TO 60MHZ
 - 12DB MIN FROM 60 MHZ TO 80MHZ
 - 33-20-LOG(1/50)DB MIN FROM 40 MHZ TO 100MHZ
 - COMMON MODE REJECTION RATIO (CMRR) - 30DB MIN FROM 0.5MHZ TO 100MHZ
 - ISOLATION VOLTAGE - COMPLIES WITH EEE002.3 200Z, PARA 23.5.1.1, ITEM a or b.
- 4. C115 AN OPTIONAL 1000PF. 2KV DECOUPLING CAPACITOR.
- 5. OPERATING TEMPERATURE FROM 0°C TO +70°C.
- 6. RI-RL = 75 OHMS, 1/16 W, 5%.
- 7. LED COMPLIANT WITH IEC60895-1 SAFETY OF LASER PRODUCTS, WHEN OPERATED UP TO 20 mA. THE 250 OHM RESISTOR IS INCLUDED.
- 8. INDICATED CONNECTIONS ARE FOR A HUB CONFIGURATION. THE MAGNETICS ARE ASYMMETRICAL AND DO NOT SUPPORT AUTO-HUB.
- 9. GREEN LED PEAK WAVELENGTH(λ)=565nm.
- 10. YELLOW LED PEAK WAVELENGTH(λ)=585nm.
- 11. TRADEMARK, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.



1X6 SUGGESTED PANEL CUTOUT

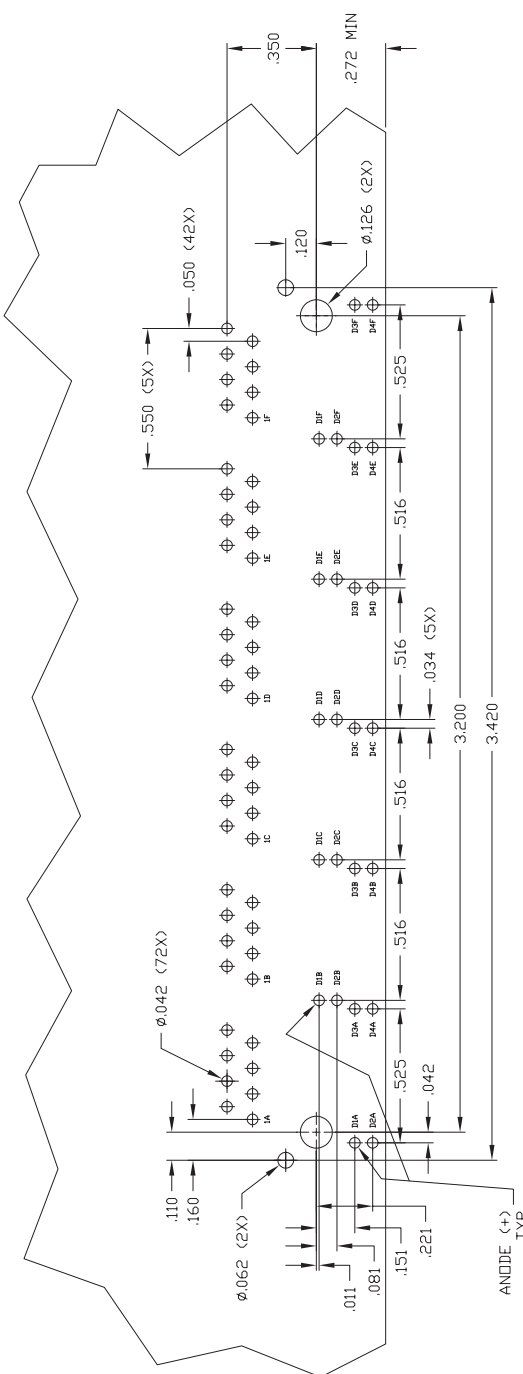
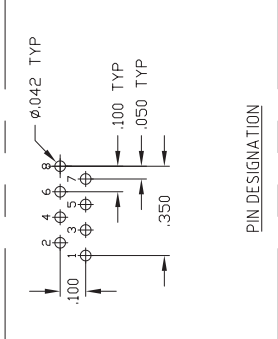
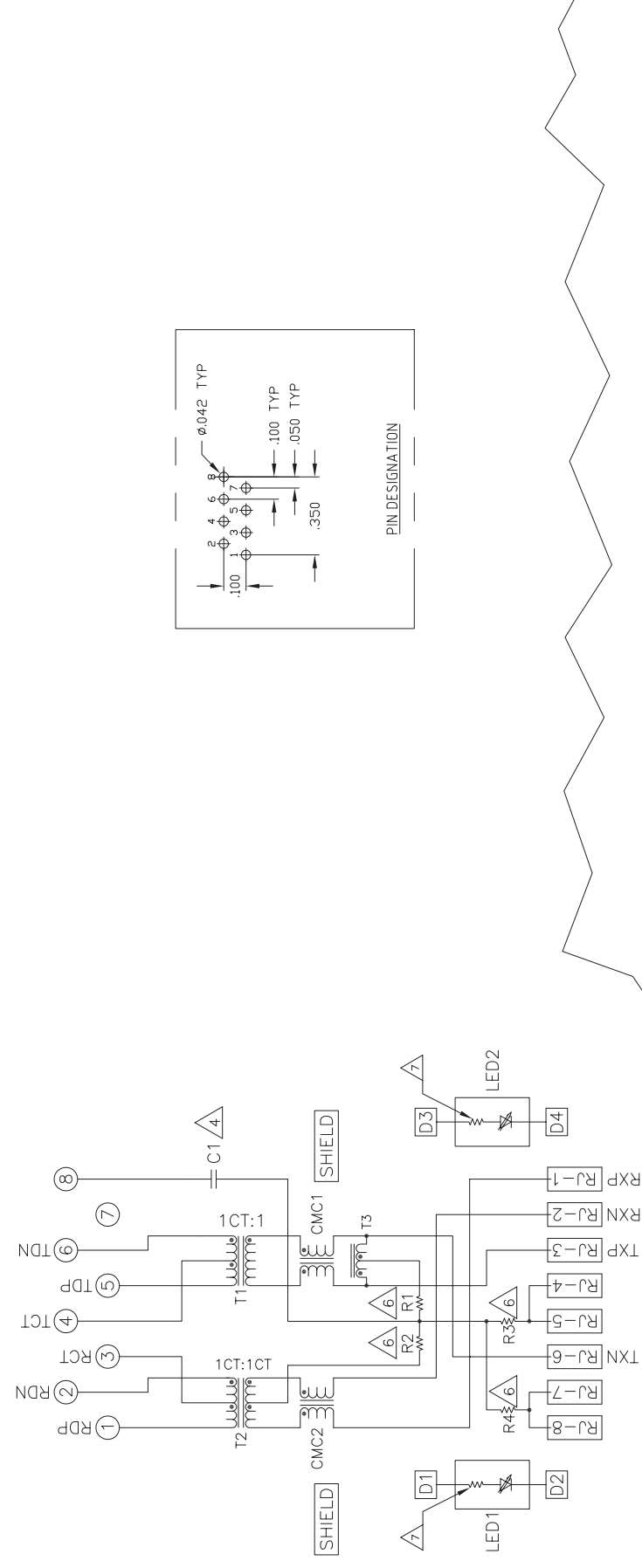


YES	GREEN	YELLOW	5-6610084-1
NO	GREEN	GREEN	1-6610084-1
RESISTOR CAPACITOR		LED1	PART NUMBER
4		4	

THIS DRAWING IS A CONTROLLED DOCUMENT.		
REV	DESCRIPTION	DATE
1	ISSUE FOR PRODUCTION	11/15/05
2	REVISION	
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TITLE: 754 SERIES MAGNETIC CIRCUIT							
DRAWING NO: 108-2100							
DATE: 10-15-66							
DESIGNED BY: SEE SHEET 1							
CHECKED BY:							
APPROVED BY:							

754 SERIES MAGNETIC CIRCUIT



THIS DRAWING IS A CONTROLLED DOCUMENT.

REV.	DESCRIPTION	DATE
1	ISSUE FOR PRODUCTION	10-15-66

DIMENSIONS: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND DECIMAL FRACTIONS.
 FINISHES: UNLESS OTHERWISE SPECIFIED, ALL SURFACES ARE TO BE UNFINISHED.

NOTES:
 1. ALL DIMENSIONS ARE TO BE TAKEN TO THE CENTER OF THE HOLE UNLESS OTHERWISE SPECIFIED.
 2. DIMENSIONS TO DIMENSION LINES UNLESS OTHERWISE SPECIFIED.
 3. DIMENSIONS TO DIMENSION POINTS UNLESS OTHERWISE SPECIFIED.

MATERIAL: UNLESS OTHERWISE SPECIFIED, ALL MATERIALS ARE TO BE STANDARD COMMERCIAL GRADE MATERIALS.

TYPICAL: UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE TO BE TAKEN TO THE CENTER OF THE HOLE UNLESS OTHERWISE SPECIFIED.

CUSTOMER DRAWING: 108-2100

DRAWN BY: SEE SHEET 1
 CHECKED BY:
 APPROVED BY:

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