



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

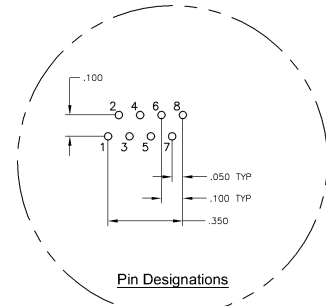
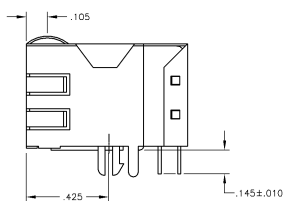
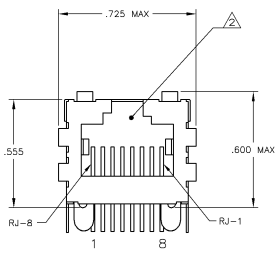
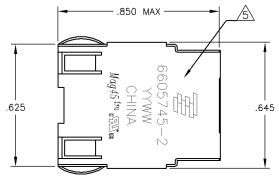
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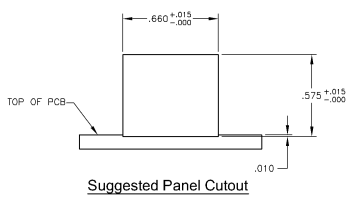
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



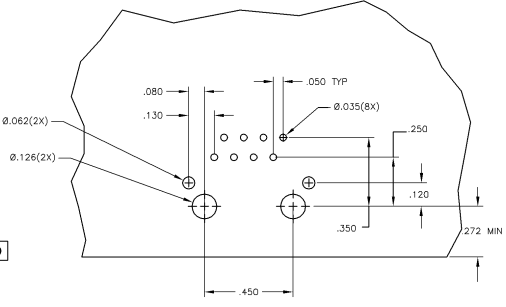
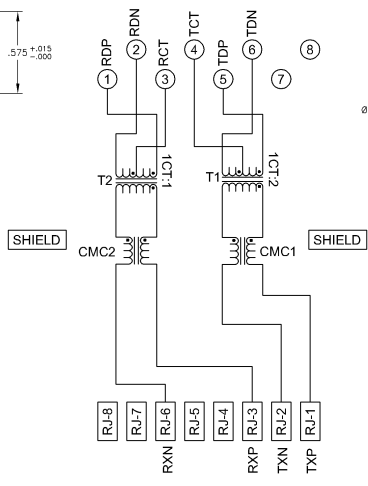
MECHANICAL:



- △ MATERIALS:
HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0
SHIELD - .010" THICK, C16800 BRASS PREPLATED WITH 50μINCH 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.
- △ RJ45 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUB PART F.
- △ MAGNETICS:
-IMPEDANCE: 100 OHMS
-TURNS RATIO (CHP. CABLE): TX: 12, RX: 11
-OPEN CIRCUIT INDUCTANCE (OCL): 140nH (MIN) @ 25 °C, 60nH (MIN) @ -40 °C, @100KHZ, 0.1V RMS, TX AND RX.
-LEAKAGE INDUCTANCE (LL): 0.30nH (MAX).
-INTER-WINDING CAPACITANCE (Cw): 12pF (MAX).
-ISOLATION VOLTAGE: COMPLIES WITH IEEE802.3 2002, PARA 14.3.1.1, ITEM a.
- 4. OPERATING TEMPERATURE: FROM 0 °C TO +70 °C.
- △ TYCO ELECTRONICS LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.
- 6. THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS. PREHEAT TEMPERATURE IS 120 °C TO 160 °C, 120 SECONDS TO 180 SECONDS. PEAK WAVE SOLDERING TEMPERATURE IS 260 °C MAX, 10 SECONDS MAX.



720 SERIES MAGNETIC CIRCUIT



Suggested PCB Layout
(Component Side)

6605745-2
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV: 22	DATE: 08/22/2022	BY: CH	APP: REWORK
DESCRIPTION:	6605745-2	REV: 22	DATE: 08/22/2022	BY: CH	APP: REWORK
REV:	DATE:	BY:	APP:	DESCRIPTION:	
1	08/22/2022	CH	REWORK	1X1 MAG45(TM) MODULAR JACK, 7N3 10 BASE-T SCHEMATIC, 720 MAGNETIC CIRCUIT, SHIELDED, NO LEADS	
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