



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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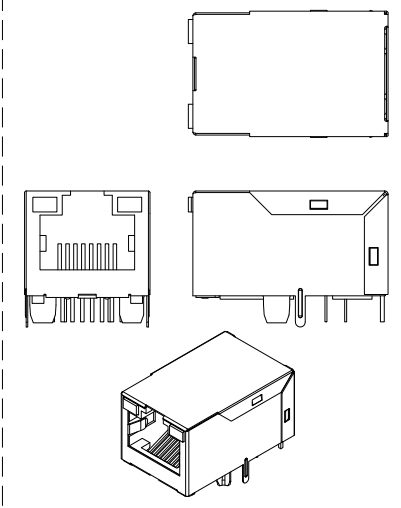
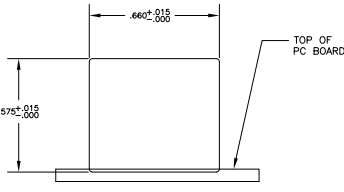
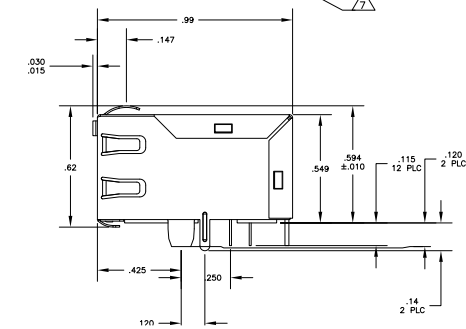
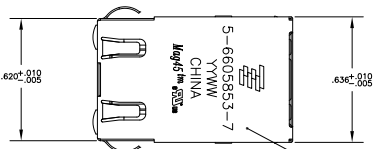
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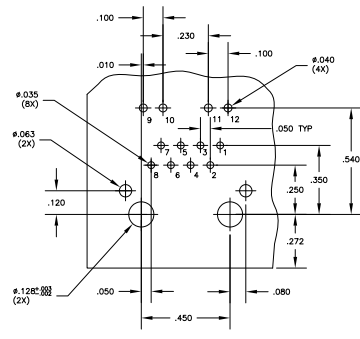
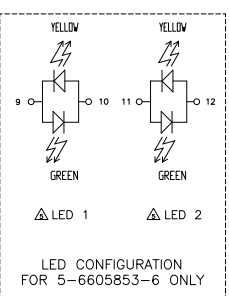
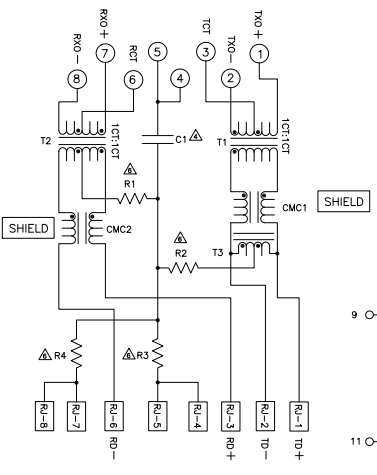
REV	DATE	DESCRIPTION	BY	CHK
E	REV PER ECO-10-019136		TYEP2010	RZ KZ
F	ECO-10-083974		280CT088	RL KZ



ONLY FOR 1-6605853-9

- MATERIALS:**
 HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0
 SHIELD - .010" THICK, C26480 BRASS PREPLATED WITH 30.0 INCH MIN SEM-BRIGHT
 NICKEL SOLDER TABS POST-DIPPED WITH SAC SOLDER.
 MOD JACK CONTACTS - .9157" x .018" PHOSPHOR BRONZE, 50.0 INCH MIN OVERALL NICKEL UNDERPLATE, WITH SELECT 50.0 INCH MIN HARD GOLD FINISH PLATE. SOLDERABLES WITH 100.0 INCH MIN MATTE TIN AND/OR SAC SOLDER DIP
 LIGHT EMITTING DIODE(LED) - DIFFUSED EPOXY LENS, .020" x .020"
 CARBON STEEL WIREFRAME LEADS PREPLATED WITH 80.0 INCH SILVER OVER 40.0 INCH NICKEL UNDERPLATE OVER 40.0 INCH COPPER UNDERPLATE, POST-PLATED WITH 100.0 INCH 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**
 -APPLICATION: 10/100 BASE-T
 -IMPEDANCE: 100 OHMS
 -TURNING RATIO (CHP CABLE): TX = 11, RX = 11
 -OPEN CIRCUIT INDUCTANCE (OCL): 30.0 nH MIN @ 100MHz, 8 nH MAX FROM 0°C TO 70°C, TX AND RX
 -PERFORMANCE @ 25°C
 INSERTION LOSS (IL): 1.5dB MAX FROM 0.5MHz TO 100MHz
 RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 300MHz
 15.2dB (OCL) / 30dB MIN FROM 30 MHz TO 60MHz
 12dB MIN FROM 60 MHz TO 80MHz
 CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz
 33-20 LOG(1/50dB) MIN FROM 4.0MHz TO 100MHz
 COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz
 -ISOLATION VOLTAGE: COMPLEX WITH IEEE802.3 2002, PARA 23.5.11, ITEM b.
- 4. OPERATING TEMPERATURE: FROM 0°C TO -10°C.**
- LEDS ARE DRIVEN WITH CONSTANT CURRENT AT APPROX 20mA.**
 LED COLOR: DOMINANT WAVELENGTH (λD): GREEN 568 nm TYP @ IF=20mA
 FORWARD VOLTAGE (VF): GREEN 2.2V TYP @ IF=20mA
 DOMINANT WAVELENGTH (λD): YELLOW 588 nm TYP @ IF=20mA
 FORWARD VOLTAGE (VF): YELLOW 2.1V TYP @ IF=20mA.
- INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION. THE MAGNETICS ARE ASYMMETRIC, AND DO NOT SUPPORT AUTO-MDU/MDOX.**
- TYCO ELECTRONICS LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.**
- 8. THESE PARTS ARE RECOMMENDED FOR WAVE SOLDERING PROCESS.**
 PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS, PEAK SOLDERING TEMPERATURE IS 260 °C MAX, 10 SECONDS MAX.

ELECTRICAL:
 714P10 MAGNETIC SCHEMATIC



SUGGESTED PC BOARD LAYOUT
 (Component Side)

YES	GREEN	YELLOW	5-6605853-8
YES	GREEN	GREEN	5-6605853-7
YES	GREEN/YELLOW	GREEN/YELLOW	5-6605853-6
NO	YELLOW	GREEN	1-6605853-9

EMV FINCHER	LED 1	LED 2	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.	REV	DATE	DESCRIPTION	BY	CHK
1	108-2100	1x1 MAG45(TM), SHLD, 6 WAVE FNL GNDS, W/REAR LED LEADS, 714P10 MAGNETIC CIRCUIT			