

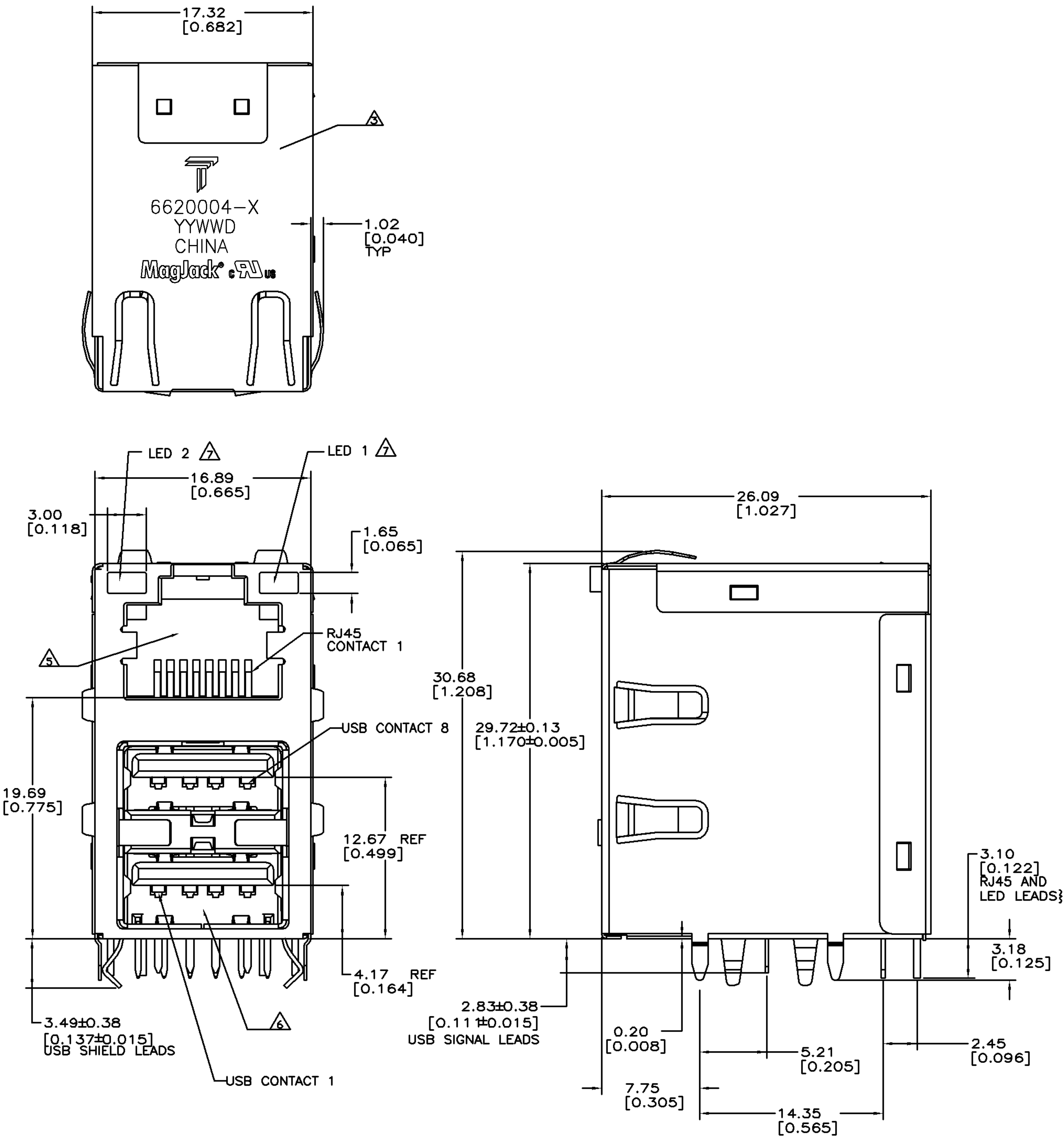
REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN
	G	EC-1411035, LOGO CHANGE	09JAN2015	JC
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- USB MATERIALS:**  
SHELL: BRASS  
HOUSING: BLACK, THERMOPLASTIC, GLASS FILLED, UL 94V-0 RATED  
CONTACT: PHOSPHOR BRONZE WITH SELECTIVE GOLD PLATING, 0.76µm MIN IN CONTACT REGION.  
SPRING CLIP: COPPER ALLOY
- RJ45 MATERIALS:**  
PLASTIC HOUSING: BLACK, PET THERMOPLASTIC FLAMMABILITY RATING UL 94V-0  
SHIELD: BRASS, PLATED WITH 0.76µm SEMI-BRIGHT NICKEL, SELECTED TIN, 2.0-3.8µm ON SOLDER TAILS ONLY  
CONTACTS: PHOSPHOR BRONZE.  
PLATING: 1.27µm MIN NICKEL UNDERPLATE WITH SELECT 1.27µm MIN GOLD AT MATING INTERFACE AND 2.54µm MIN TIN ON CONTACT TAILS.
- LIGHT PIPE: FLAME RETARDANT POLYCARBONATE.**  
**LED: DIFFUSED EPOXY LENS,CARBON STEEL LEAD FRAME WITH TIN/SILVER/NICKEL/ COPPER PLATING.**
- MAGNETICS**  
-APPLICATION: 10/100 BASE-T  
-IMPEDANCE: 100 OHMS  
-TURNS RATIO (CHIP:CABLE): TX = 1:1, RX = 1:1  
-OPEN CIRCUIT INDUCTANCE (OCL): 350uH MIN @100kHz, 0.1VRMS, 8mADC BIAS FROM 0°C TO 70°C, TX AND RX  
-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  
33-20LOG(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 23.5.1.1, ITEM b.
- PRODUCT IDENTIFICATION TO BE MARKED IN APPROXIMATE LOCATION.**  
**DATUM LOCATION AND DIMENSION TO BE ESTABLISHED BY CUSTOMER.**  
**RJ45 CAVITY CONFORMS TO FCC RULES AND REGULATION PART 68 SUBPART F.**  
**MATING INTERFACE COMPIES WITH USB (UNIVERSAL SERIAL BUS) SPECIFICATION REV 2.0, UTILIZING TRP P/N 292323-1 WITH USB 2.0 CERTIFICATE TEST ID NO. 60000242.**  
**LED'S COMPLIANT WITH IEC60825-1 SAFETY OF LASER PRODUCTS. WHEN OPERATED AT CURRENT OF 20 MA.**  
**OPERATING TEMPERATURE: -FROM 0 ° C TO + 70° C**  
**THESE PARTS ARE RECOMMENDED FOR WAVE SOLDERING PROCESS, PEAK SOLDERING TEMPERATURE IS 260 °C MAX, 10 SECONDS MAX.**  
**OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI**

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10 OBSOLETE	GREEN	GREEN	1000 pF, 3kV	1-6620004-1
	GREEN/ORANGE	YELLOW	1000 pF, 3kV	<del>6620004-2</del>
	GREEN/ORANGE	YELLOW	1000 pF, 2kV	6620004-1
LED 2		LED 1	DECOUPLING CAPACITOR	PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.				
DIMENSIONS: MM		OWN: R.GRZYBOWSKI	24JUN2005	 <b>trp CONNECTOR</b> DONGGUAN CHINA
TOLERANCES UNLESS OTHERWISE SPECIFIED:		OWN: P.DAMATO	24JUN2005	
APVD: S.FUCKINGER		MODEL NAME	24JUN2005	
PRODUCT SPEC		APPLICATION SPEC		
108-2100		108-2100		
0 PLC ± -		1 PLC ± -	2 PLC ± 0.25	3 PLC ± 0.25
4 PLC ± -		5 PLC ± -	6 PLC ± -	7 PLC ± -
ANGLES		APVD: S.FUCKINGER	MODEL NAME	
APPLICATION SPEC		MAGJACK	OVER USB NON-PoE	
CUSTOMER DRAWING		SCALE	NTS	SHEET 1 OF 2
		REV	G	



# Mouser Electronics

Authorized Distributor

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6620004-1