

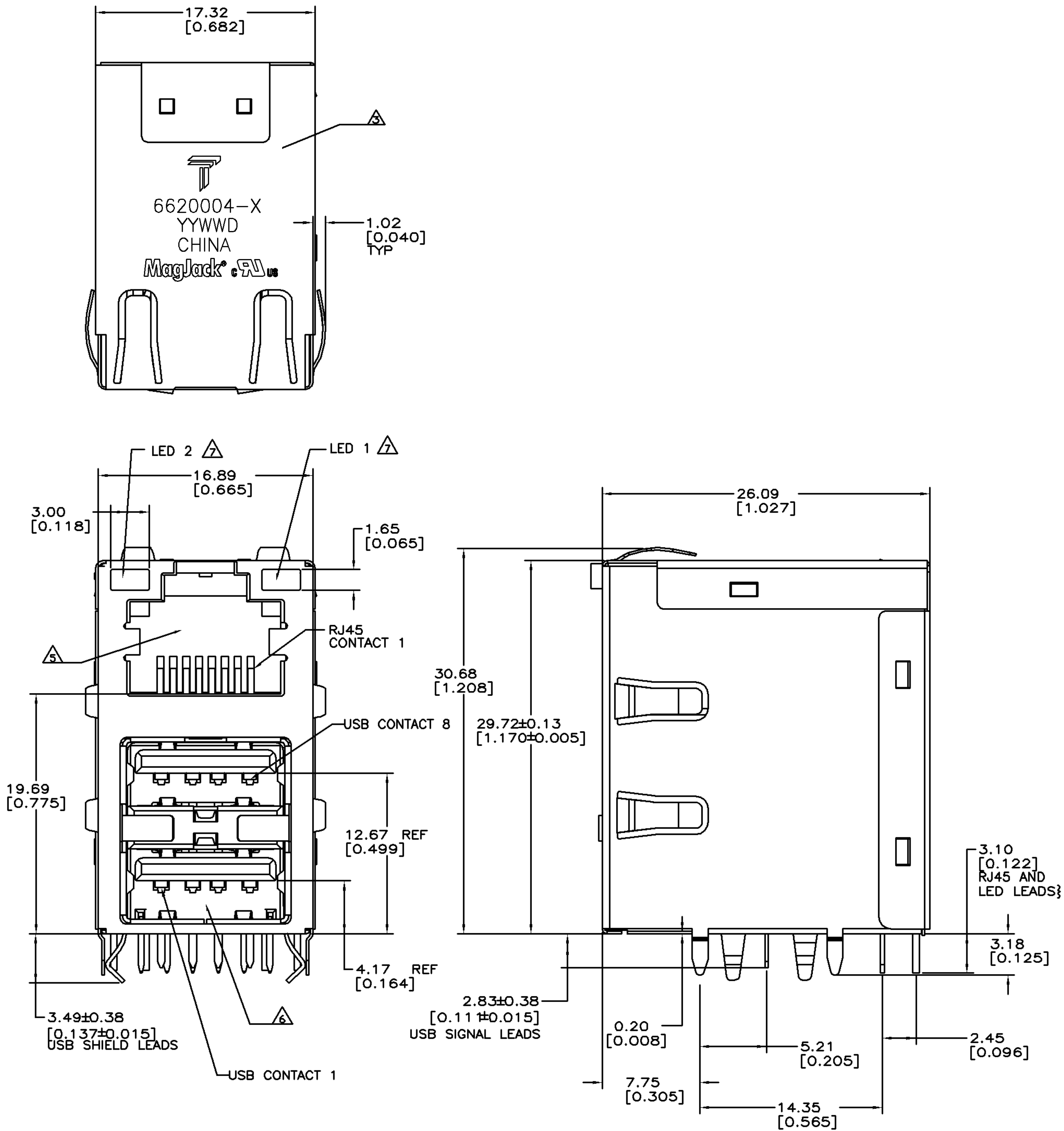
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	G	EC-1411035, LOGO CHANGE	09JAN2015	JC	TY

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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): 1.1dB 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.
8. OPERATING TEMPERATURE: -FROM 0 ° C TO + 70° C
9. 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**

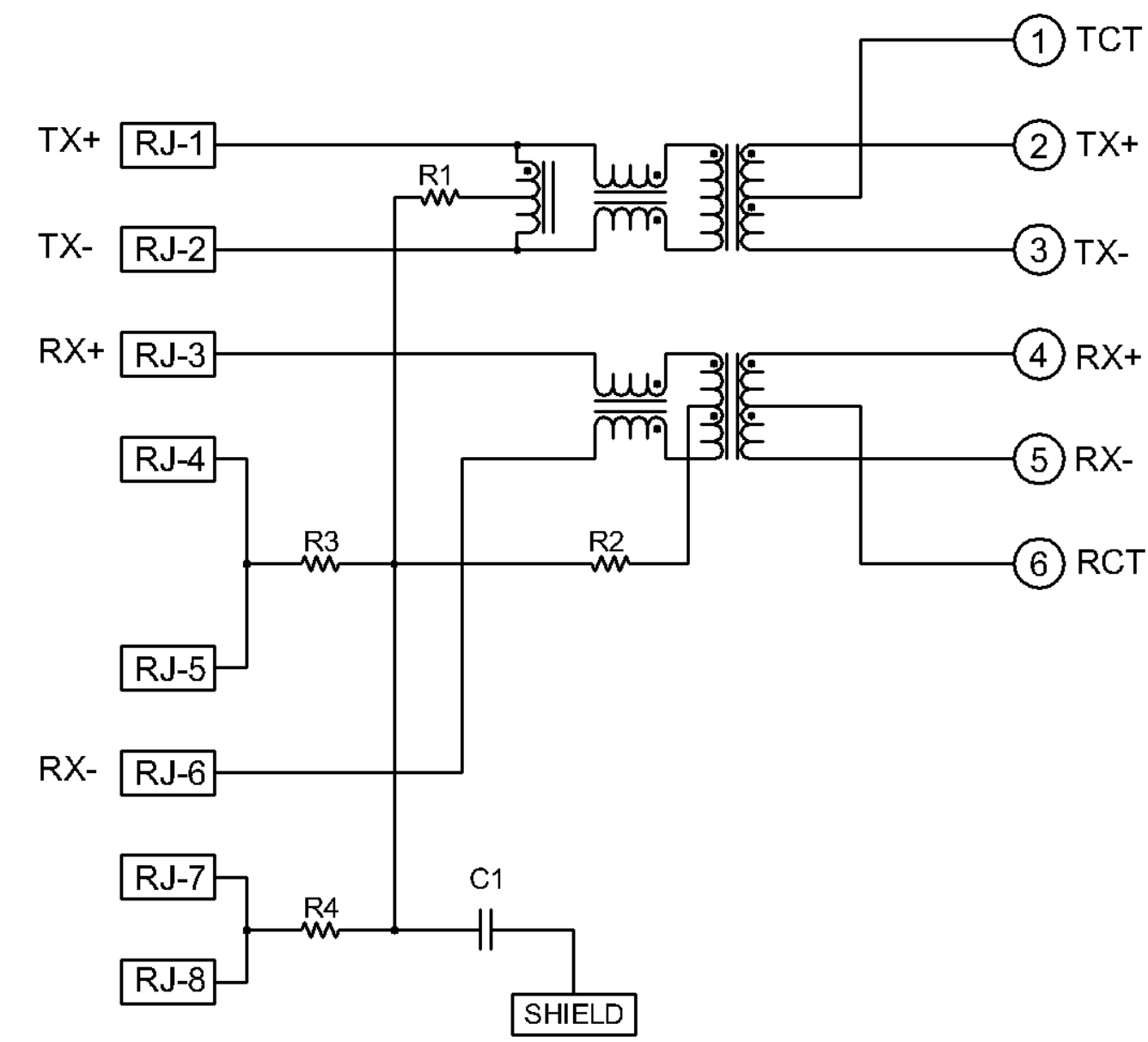
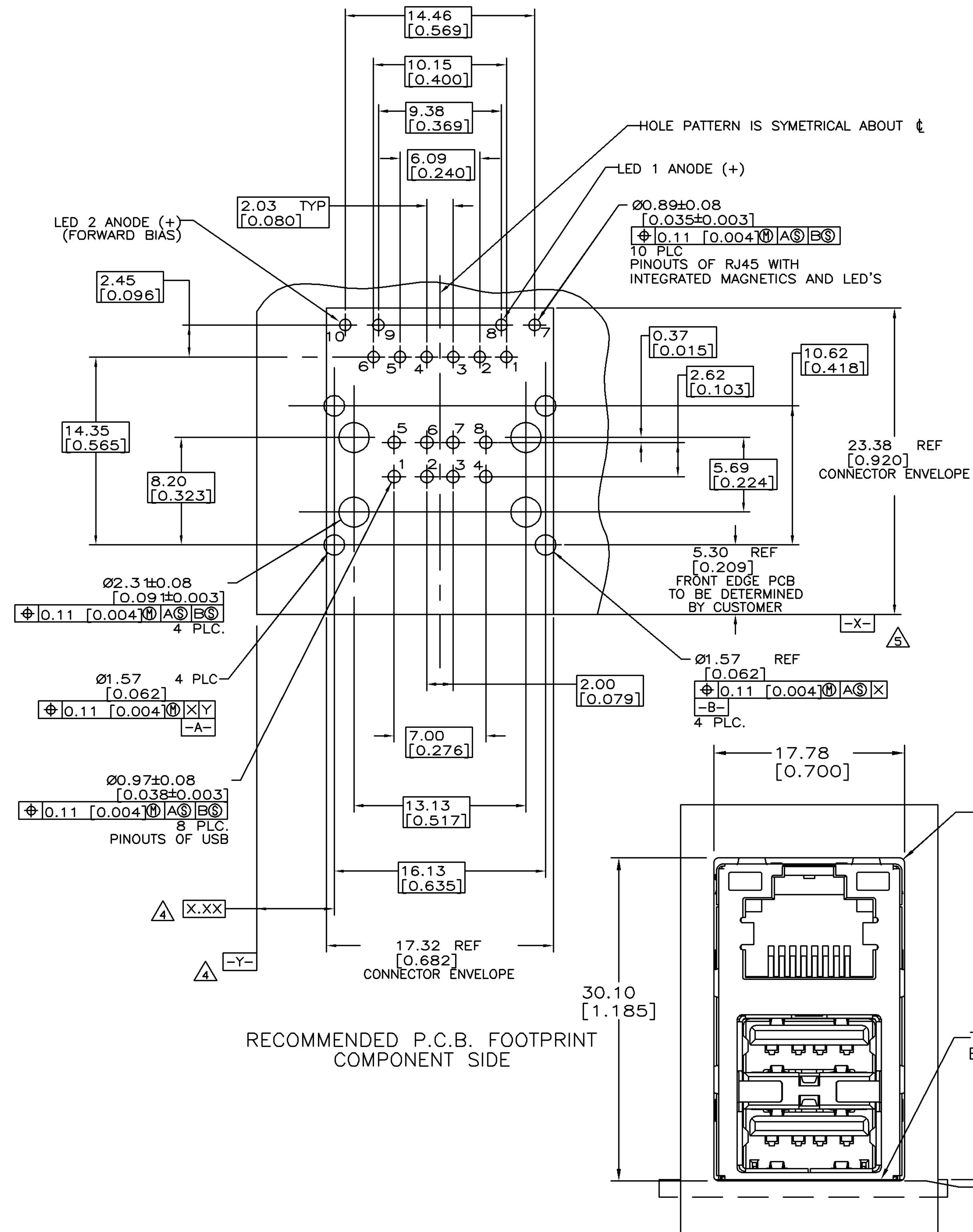
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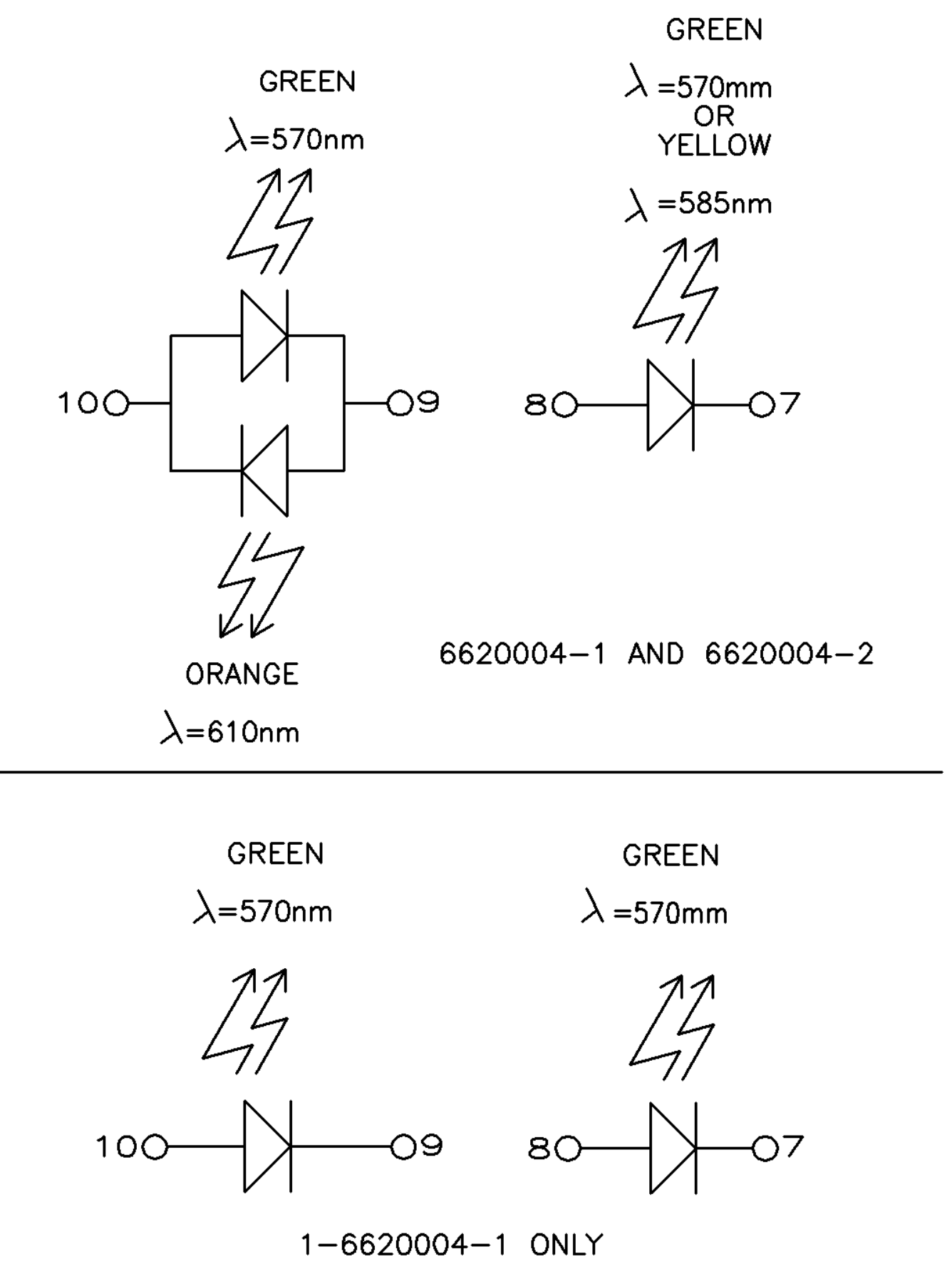
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10 OBSOLETE	GREEN	GREEN	1000 pF, 3kV	1-6620004-1
	GREEN/ORANGE	YELLOW	1000 pF, 3kV	6620004-2
	GREEN/ORANGE	YELLOW	1000 pF, 2kV	6620004-1
	LED 2	LED 1	DECOUPLING CAPACITOR	PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.				
DIMENSIONS: MM		OWN: R.GRZYBOWSKI CHK: P.DAMATO APVD: S.FUCKINGER MODEL NAME: MAGJACK OVER USB NON-PoE	24JUN2005 24JUN2005 24JUN2005	DESCRIPTION: RJ45 OVER DUAL USB UR204P12, 10/100 CIRCUIT, W/ LEDS
PRODUCT SPEC 108-2100		SIZE: A1 CAGE CODE: C=6620004		RESTRICTED TO: -
TOLERANCES UNLESS OTHERWISE SPECIFIED:		SCALE: NTS		SHEET 1 OF 2
0 PLC ± - 1 PLC ± - 2 PLC ± 0.25 3 PLC ± 0.25 4 PLC ± - ANGLES ± - APPLICATION SPEC		CUSTOMER DRAWING		REV G



R1 - R4 = 75 OHMS, 1/16 W, 5% RESISTORS.
C1 = 1000pF, 2kV DECOUPLING CAPACITOR FOR 6620004-1
C1 = 1000pF, 3kV DECOUPLING CAPACITOR FOR 6620004-2 AND -11



SUGGESTED PANEL CUTOUT DIMENSIONS
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN P.GRZYBOWSKI 24JUN2005		 trp CONNECTOR a bel group		DONGGUAN CHINA			
DIMENSIONS: MM		CHK P.DAMATO 24JUN2005							
		APVD S.FELCKINGER 24JUN2005		DESC RJ45 OVER DUAL USB					
		MODEL NAME		UR204P12, 10/100 CIRCUIT, W/ LEDS					
		MAGJACK		SIZE A1					
		OVER USB NON-PoE		CAGE CODE C-6620004		DRAWING NO —			
		RESTRICTED TO —							
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CUSTOMER DRAWING		SCALE NTS		SHEET 2 OF 2		REV G	
0 PLC ± —									
1 PLC ± —									
2 PLC ± 0.25									
3 PLC ± 0.25									
4 PLC ± —									
ANGLES ± —									
APPLICATION SPEC									
108-2100		—							