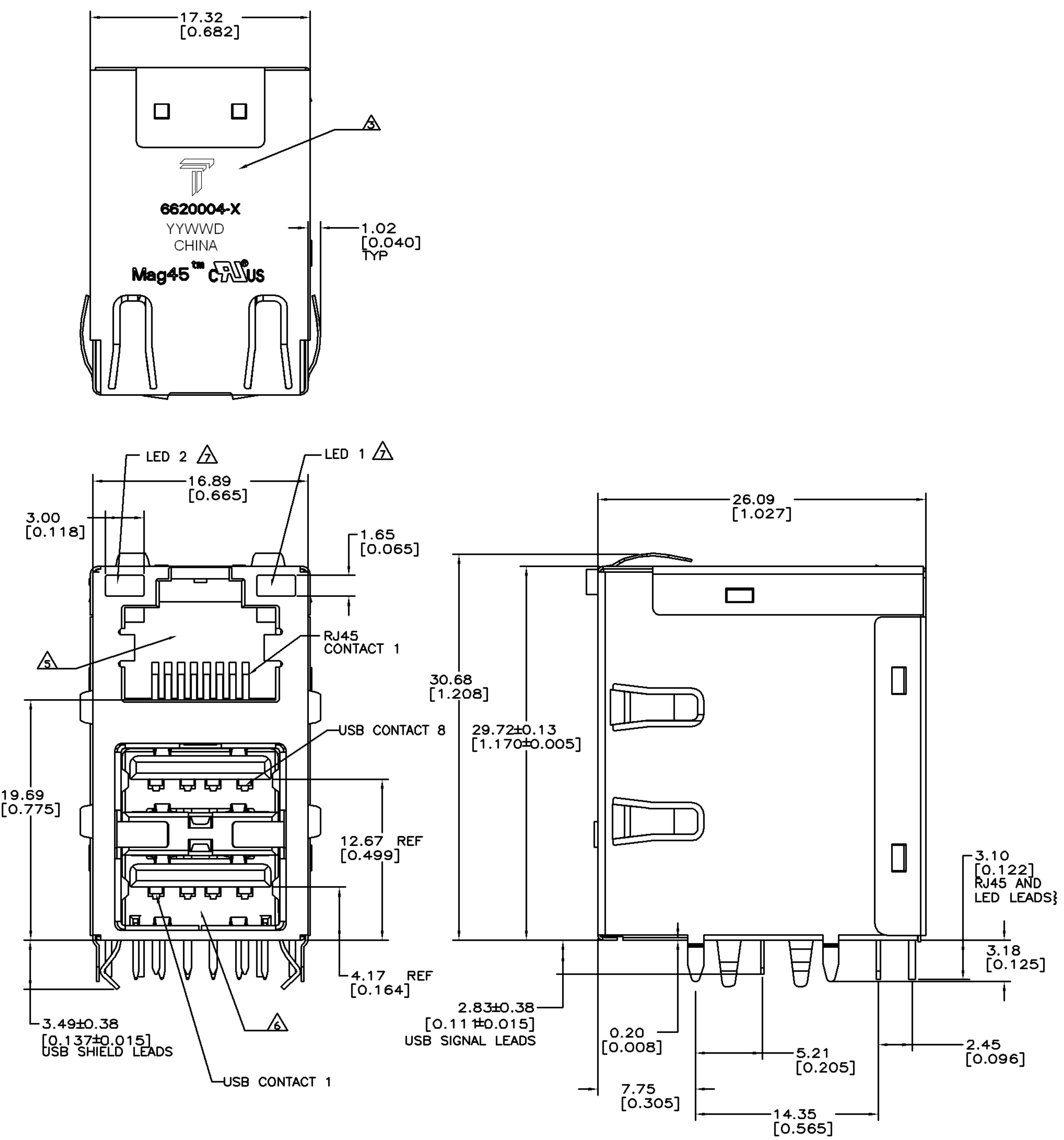




- ⚠ USB MATERIALS:**
SHELL: BRASS
HOUSING: BLACK, THERMOPLASTIC, GLASS FILLED, UL 94V-0 RATED
CONTACT: PHOSPHOR BRONZE WITH SELECTIVE GOLD PLATING, 0.76µm MIN IN CONTACT REGION
SPRING CLIP: COPPER ALLOY
- RJ45 MATERIALS:**
PLASTIC HOUSING: BLACK, PET THERMOPLASTIC FLAMMABILITY RATING UL 94V-0
SHIELD: 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

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.		DWN R.GRZYBOWSKI 24JUN2005	TRP connector	
DIMENSIONS:		OK P.DAMATO 24JUN2005	Dongguan China	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. FLICKINGER 24JUN2005	NAME RJ45 OVER DUAL USB W/INTEGRATED UR204P12 MAGNETICS, LED'S, INLINE	
0 PLC ± -		PRODUCT SPEC 108-2100	6 PIN, 10/100 ETHERNET, PNL GND SHLD	
1 PLC ± -		APPLICATION SPEC	SIZE A1	
2 PLC ± 0.25		WEIGHT -	SCALE 1:1	
3 PLC ± 0.25		CUSTOMER DRAWING	SHEET 1 OF 2	
4 PLC ± -			REV F	
ANGLES ± -				
FINISH SEE NOTE1				

