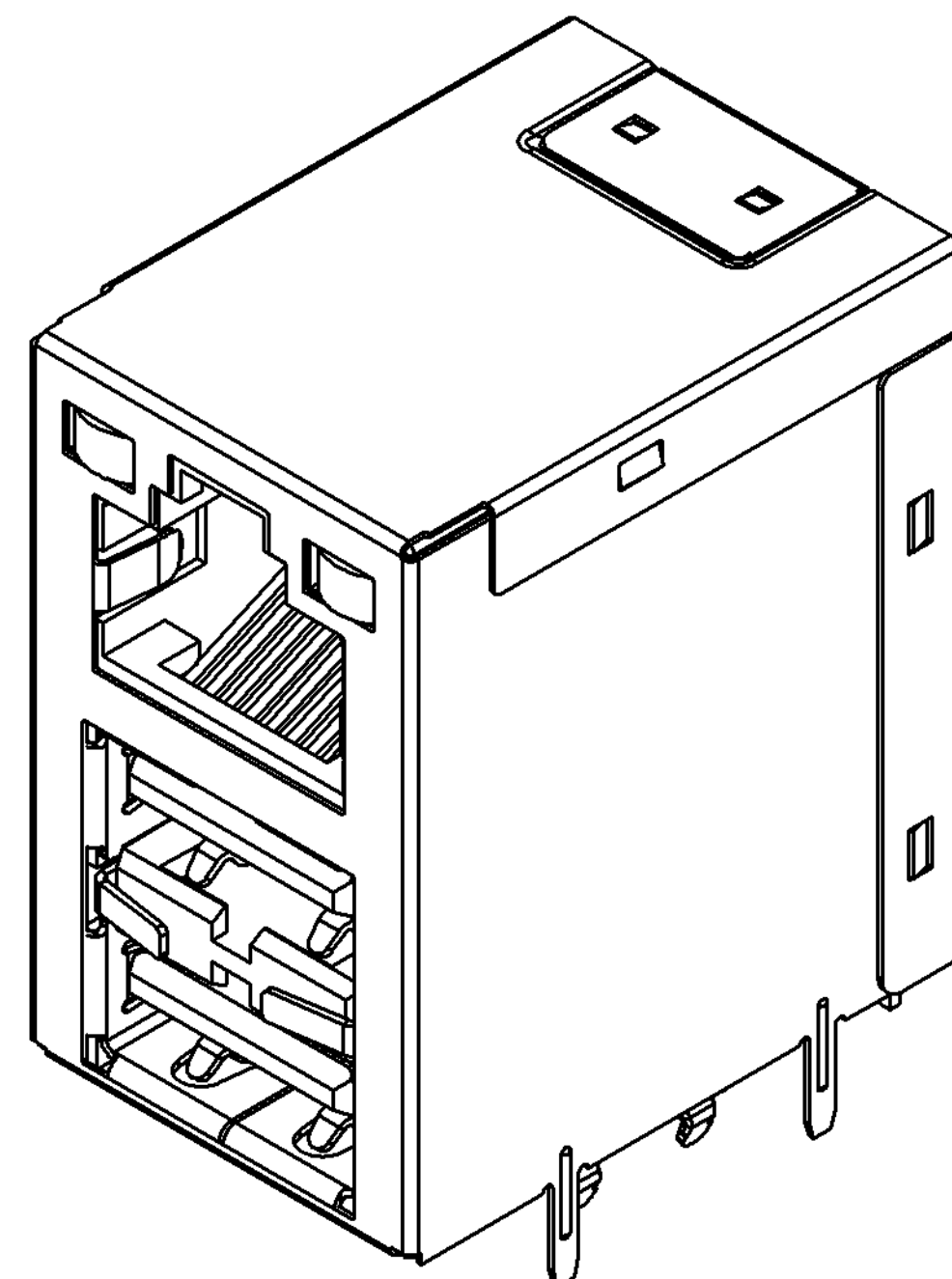
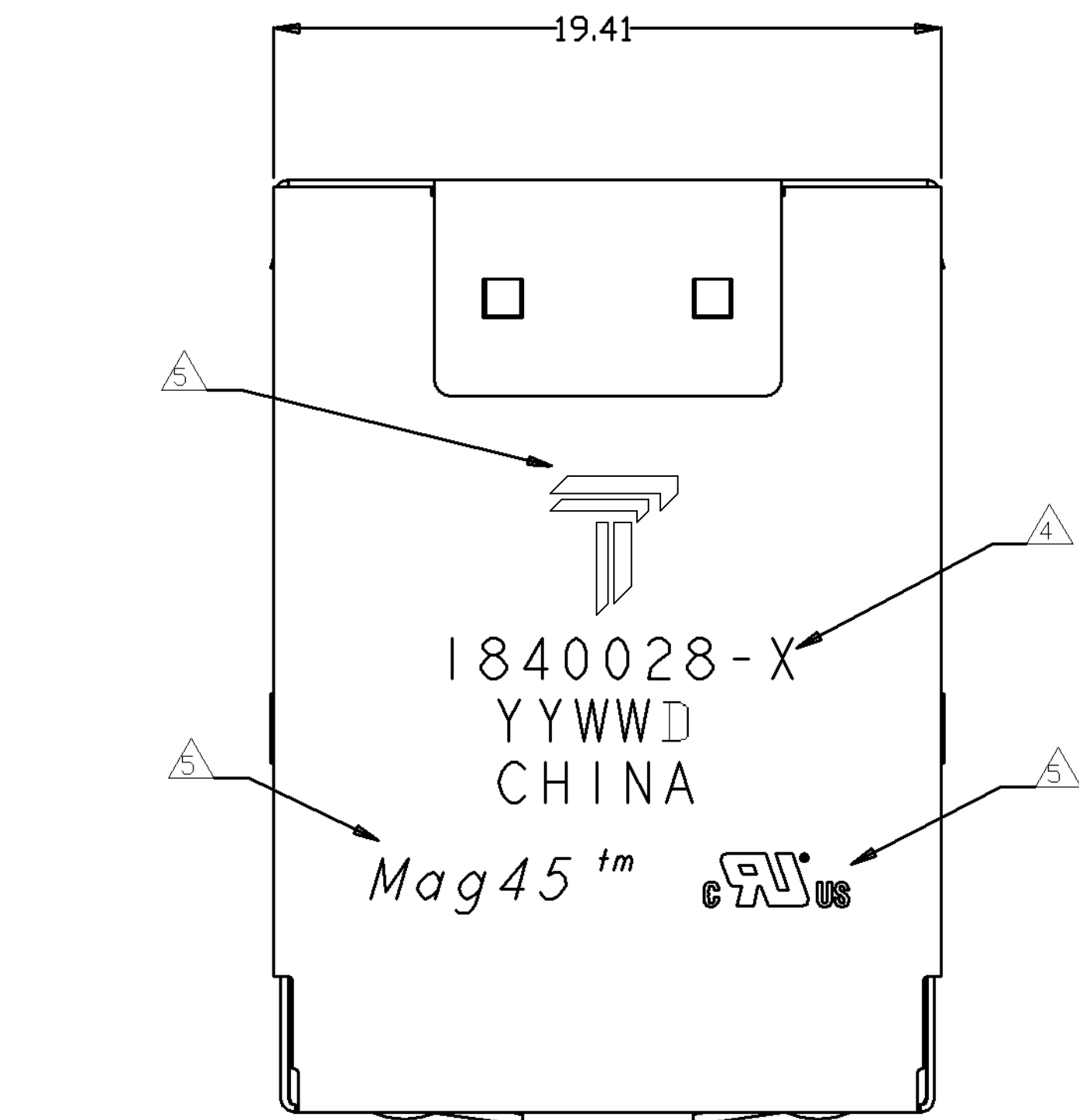
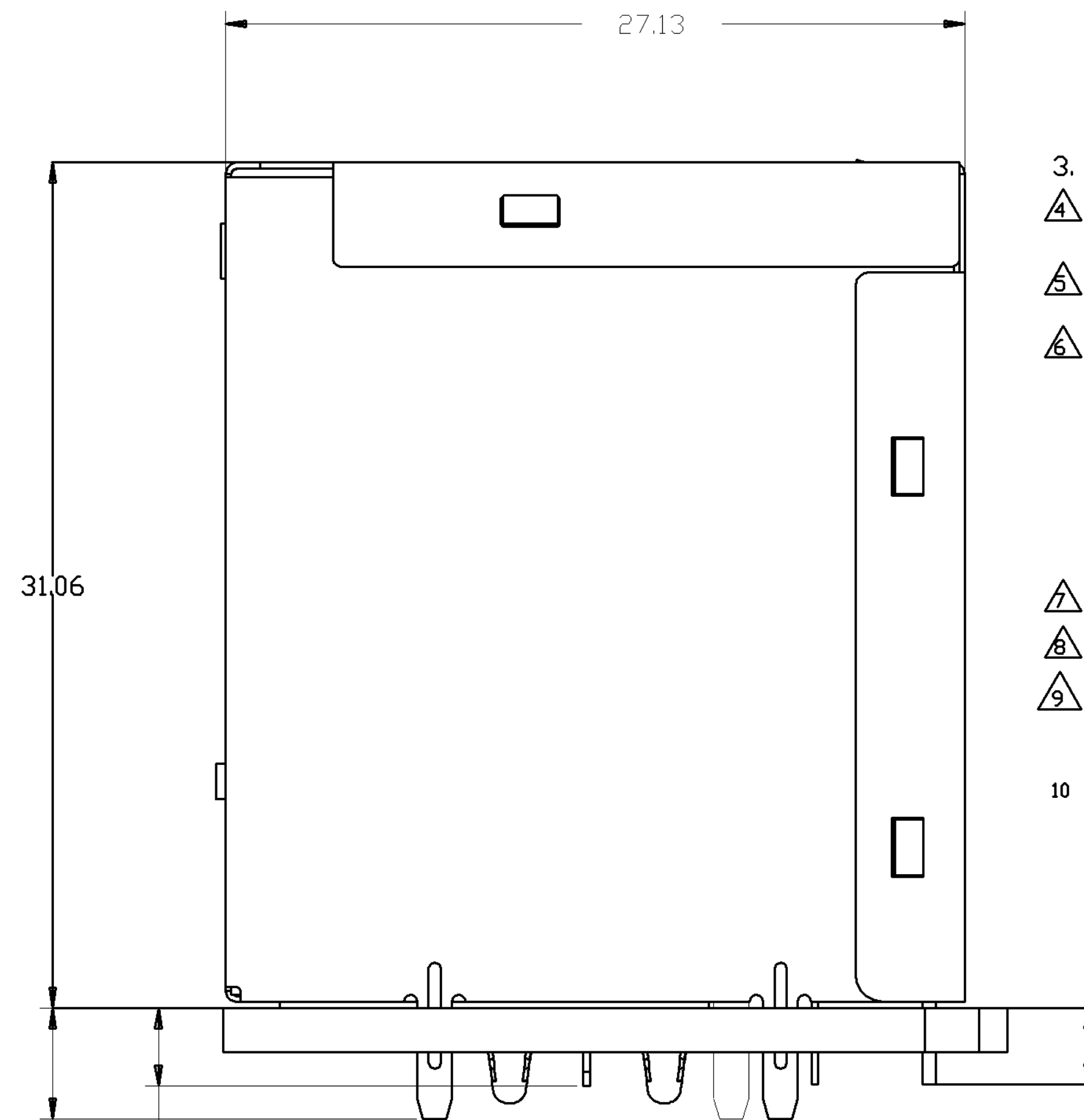
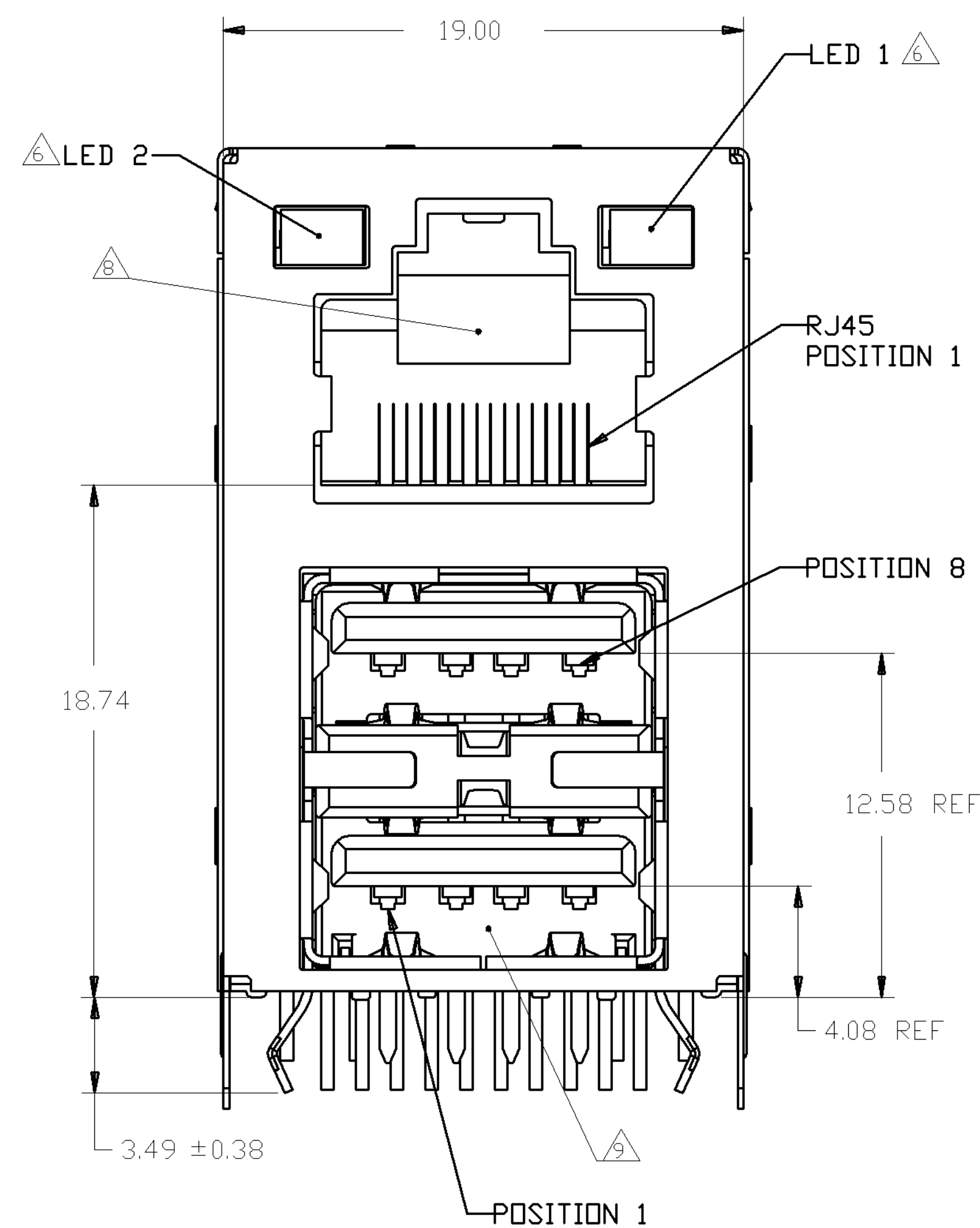




3D VIEW
SCALE 4:1



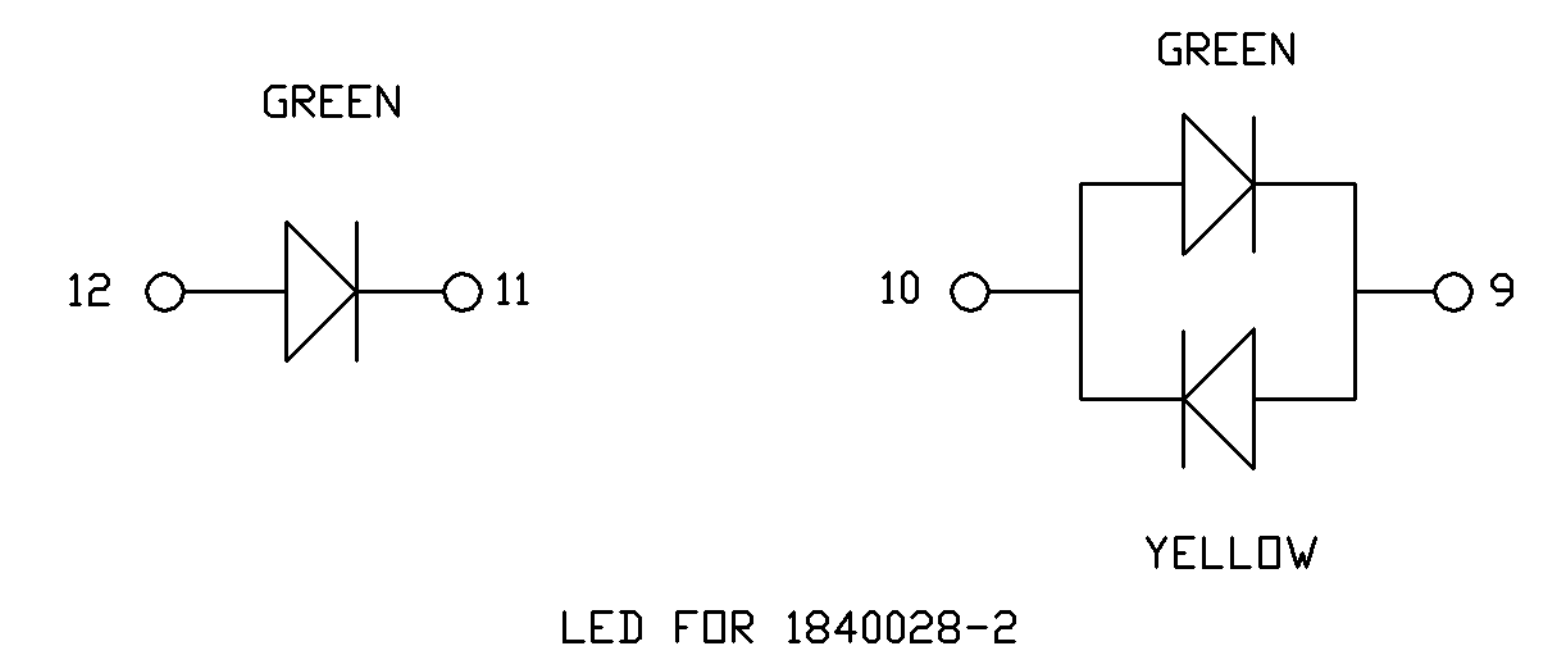
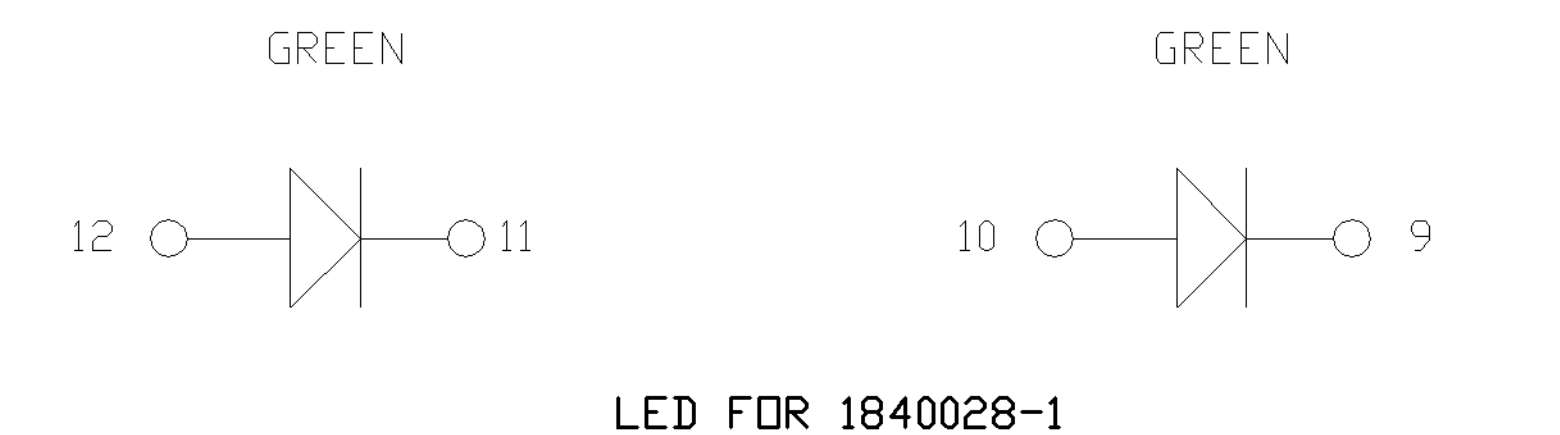
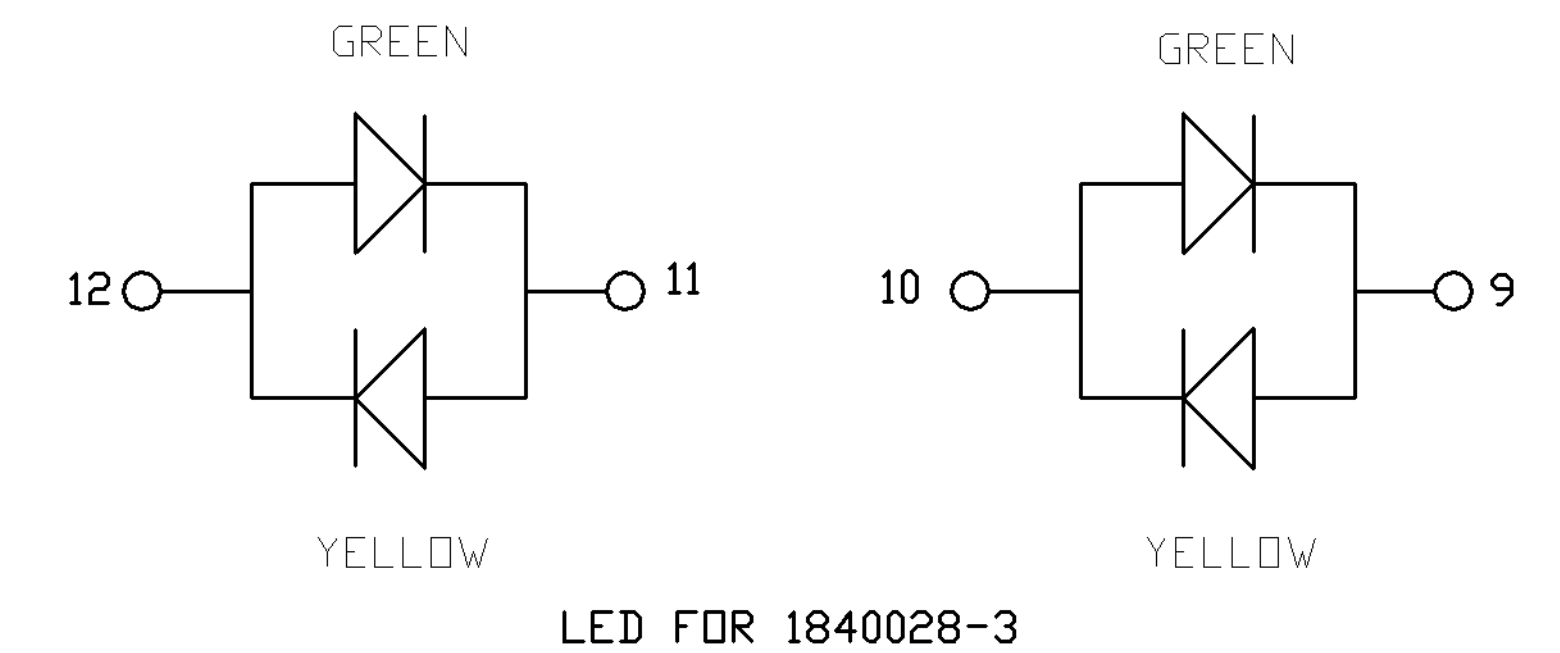
2.84
USB LEADS
8 PLC

- 4.04
SHIELD LEADS
4 PLC

- 1 MATERIALS:
USB MATERIALS:
HOUSING: BLACK, THERMOPLASTIC, GLASS FILLED, UL 94V-0 RATED
SHELL: BRASS, PLATED WITH 2.54µm MIN TIN
CONTACT: PHOSPHOR BRONZE WITH SELECTIVE GOLD PLATING
- RJ45 MATERIALS:
HOUSING: BLACK, THERMOPLASTIC FLAMMABILITY RATING UL 94V-0
SHIELD: BRASS, PLATED WITH 0.76 µm MIN SEMI-BRIGHT NICKEL,
3.05 µm MIN TIN ON SOLDER TAILS ONLY
CONTACTS: PHOSPHOR BRONZE
1.27 µm MIN OVERALL NICKEL UNDERPLATE WITH SELECTIVE
1.27 µm MIN GOLD AT MATING INTERFACE AND
3.05 µm MIN MATTE TIN AND/OR SAC SOLDER DIP ON SOLDER TAILS.
- LED MATERIAL:
DIFFUSED EPOXY LENS, 0.5 × 0.5 CARBON STEEL WIREFRAME LEADS PLATING
2.03 µm MIN SILVER OVER
1.02 µm MIN NICKEL OVER
1.02 µm MIN COPPER UNDERPLATE
POST-PLATE WITH 2.54 µm MIN MATTE TIN AND/OR SAC SOLDER DIP OR PURE TIN SOLDER DIP.
- △ RJ45 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, 0.1 VRMS,
8mADC BIAS FROM 0°C TO 70°C, TX AND RX
-PERFORMANCE @ 25°C:
INSERTION LOSS (IL): 1.1 dB MAX FROM 0.5MHz TO 100MHz
RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 30MHz
12-20LOG(f/30)dB MIN FROM 30.1 MHz TO 60MHz
12dB MIN FROM 60MHz TO 80MHz
CROSSTALK ATTENUATION:35 dB MIN FROM 0.5 MHz TO 40 MHz
33-20LOG(f/50) dB MIN FROM 40.1 MHz TO 100 MHz
COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz
-ISOLATION VOLTAGE: 2250VDC (MAX) FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC AND WITH ALL PORTS CONNECTED.
3. OPERATING TEMPERATURE: FROM 0° C TO + 70° C
- △ PART NUMBER, DATE CODE AND COUNTRY OF ORIGIN
LOCATED IN APPROXIMATE LOCATION SHOWN.
- △ AGENCY APPROVAL LOGO AND TRP CONNECTOR LOGO
TO BE LOCATED IN APPROXIMATE AREA SHOWN.
- △ LEDS TO BE DRIVEN WITH CONSTANT CURRENT AT APPROX 20mA, DOMINANT WAVELEGTTH:
GREEN 568nm TYP. at IF=20mA, FORWARD VOLTAGE (VF): GREEN 2.2V TYP. at IF=20mA
YELLOW 588nm TYP. at IF=20mA, FORWARD VOLTAGE (VF): YELLOW 2.1V TYP. at IF=20mA
ONLY FOR 1840028-3:
ULTRA LOW WAVELENGTH GREEN (ULWG) 525 nm TYP. at IF=20mA, FORWARD VOLTAGE (VF):
GREEN 2.8V TYP. at IF=20mA
YELLOW 588nm TYP. at IF=20mA, FORWARD VOLTAGE (VF): YELLOW 2.1V TYP. at IF=20mA
- △ DATUM LOCATION AND DIMENSION TO BE ESTABLISHED BY CUSTOMER.
- △ RJ45 CAVITY CONFORMS TO FCC RULES AND REGULATION PART 68 SUBPART F.
- △ MATING INTERFACE COMPLIES WITH USB (UNIVERSAL SERIAL BUS)
SPECIFICATION REV 2.0, UTILIZING TYCO P/N 292323-1 WITH USB 2.0
CERTIFICATE TEST ID NO. 60000242.
- 10 THESE PARTS ARE RECOMMENDED FOR WAVE SOLDERING PROCESS, PEAK SOLDERING TEMPERATURE
IS 260 °C MAX, 10 SECONDS MAX.

ULWG/YELLOW	ULWG/YELLOW	1840028-3 
GREEN	GREEN/YELLOW	1840028-2
GREEN	GREEN	1840028-1
LED 2	LED 1	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWG SKY ZHAO		12 JUN08		 TRP connector Dongguan China							
DIMENSIONS: INCHES UNLESS OTHERWISE SPECIFIED				CHK LI YAN MA		12 JUN08									
				APVZ LUDDY XIONG		12 JUN08									
				PRODUCT SPEC RJ45-2100		NAME RJ45 OVER DUAL USB W/ LED'S, UR226P22 SCHEMATIC 10/100 ETHERNET MAG45									
APPLICATION SPEC						SIZE A1		CAGE CODE 00779		DRAWING NO C-1840028		RESTRICTED TO			
MATERIAL				FINISH		WEIGHT		CUSTOMER - DRAWING		SCALE		SHEET 1 OF 2		REV C	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG: SKY_ZHAO 12/JUN/08 CHK: EVAN MA 12/JUN/08 APP'D: LEADY XIONG 12/JUN/08		 TRP connector Dongguan China	
DIMENSIONS: mm		TO DIMENSIONS UNLESS OTHERWISE SPECIFIED		NAME RJ45 OVER DUAL USB W/LED'S, UR226P22 SCHEMATIC 10/100 ETHERNET MAG45	
		PRODUCT SPEC 108-2100 APPLICATION SPEC		SIZE A1	
MATERIAL -		FINISH -		CASE CODE 00779	
		WEIGHT -		DRAWING NO C-1840028	
		CUSTOMER DRAWING		RESTRICTED TO SCALE 1:1 SHEET 2 OF 2 REV C	