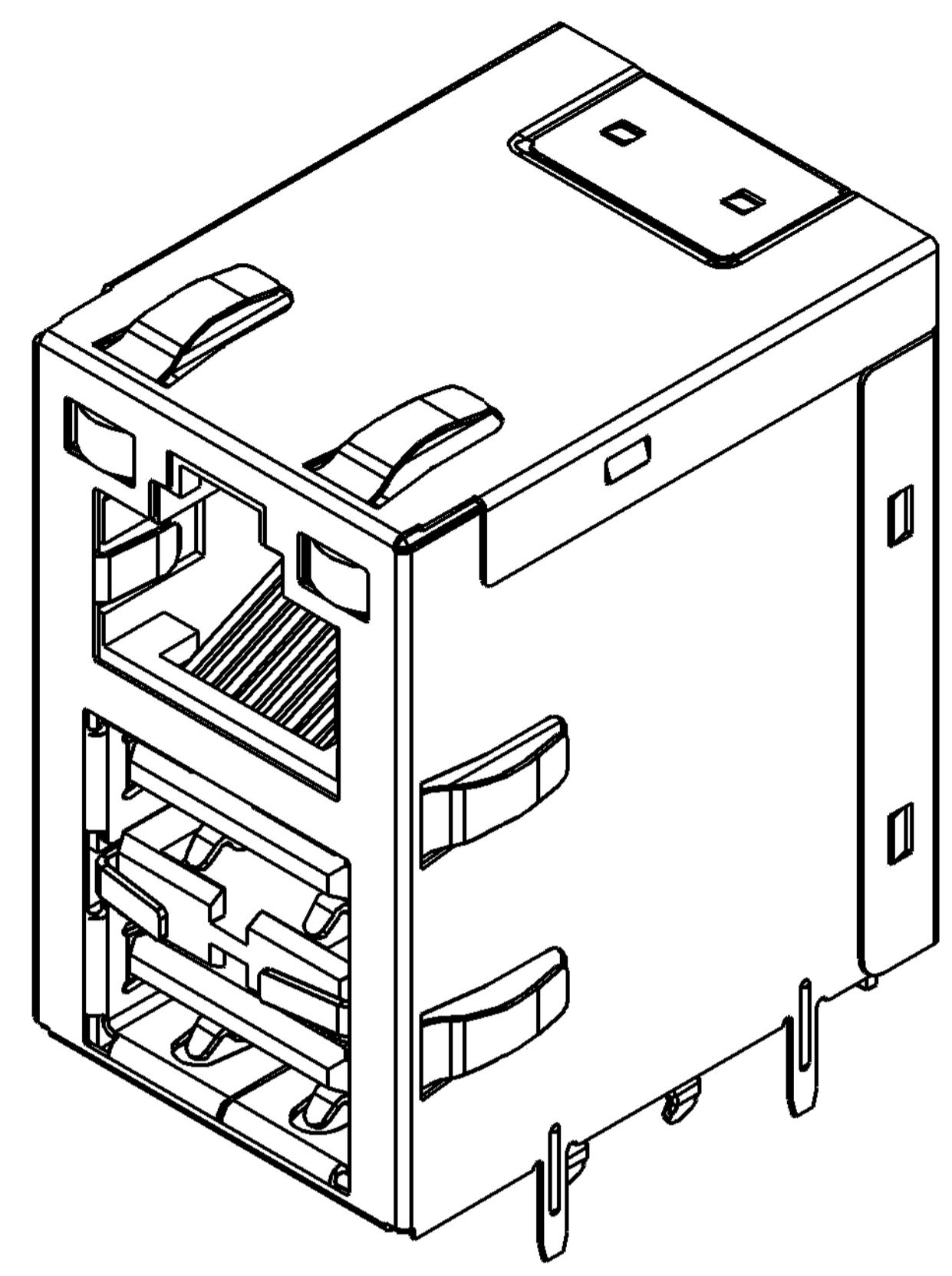
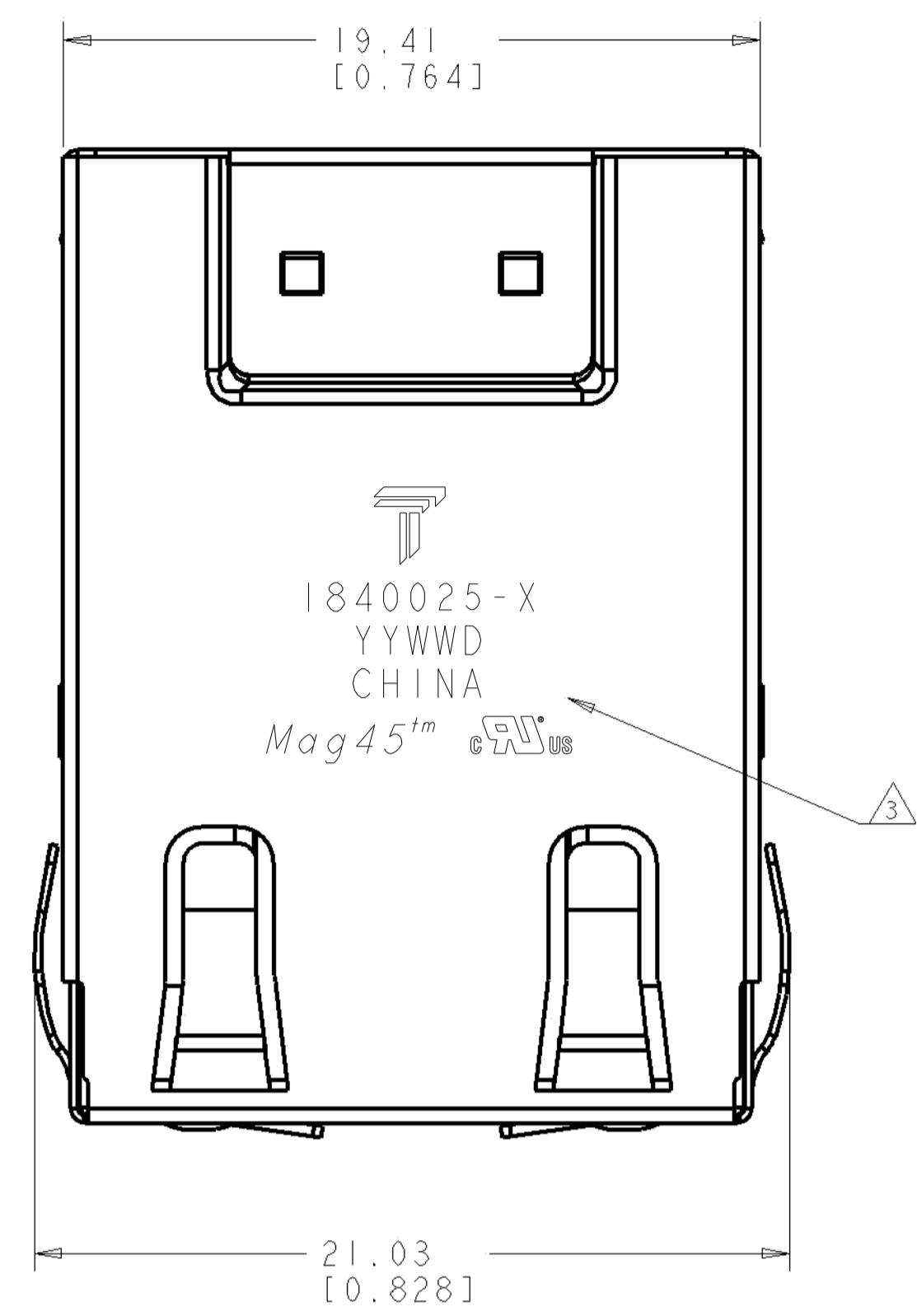


REVISIONS				
REV	LYR	DESCRIPTION	DATE	APP'D
B		LOGO CHANGE	07APR2013	PP KZ



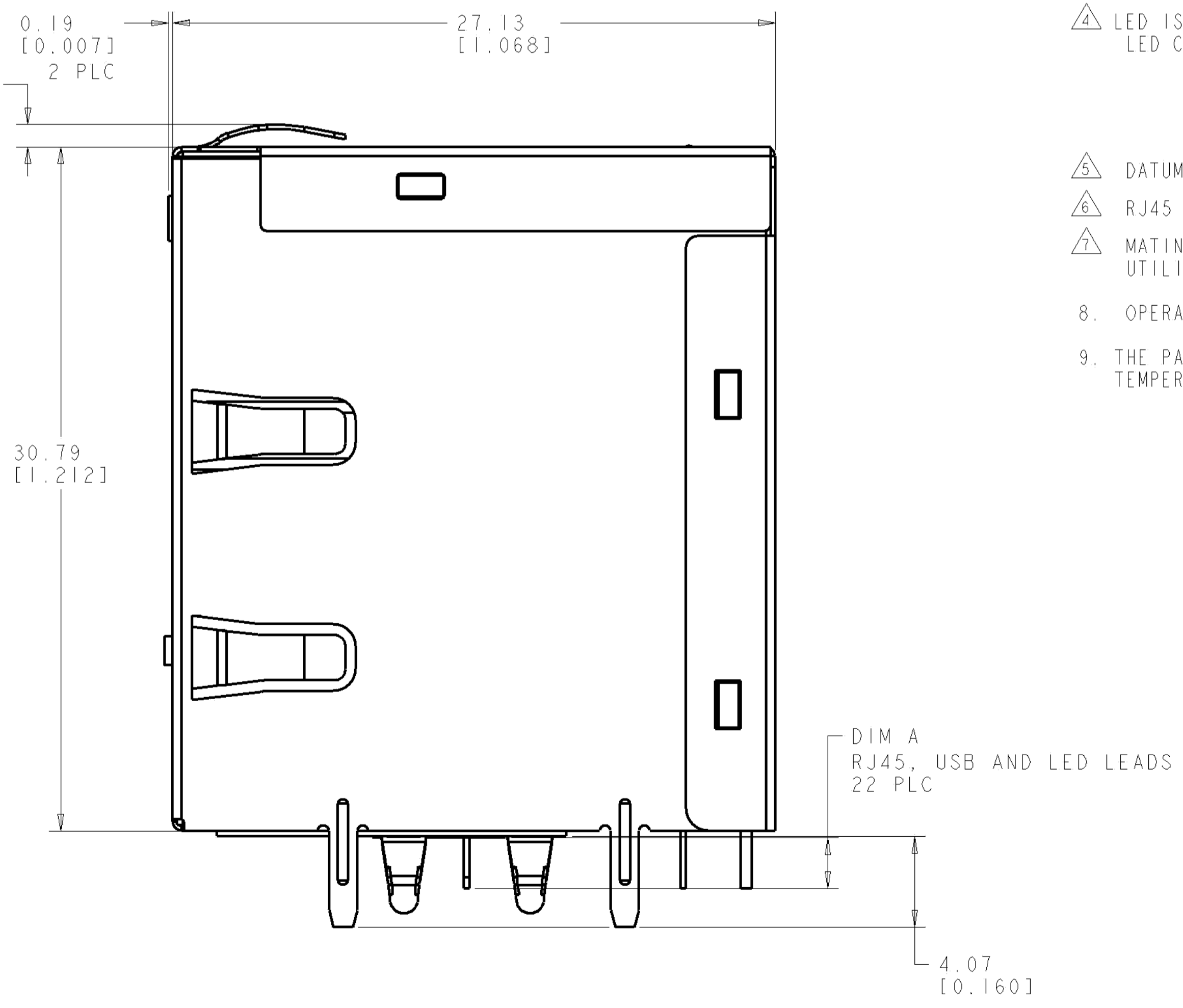
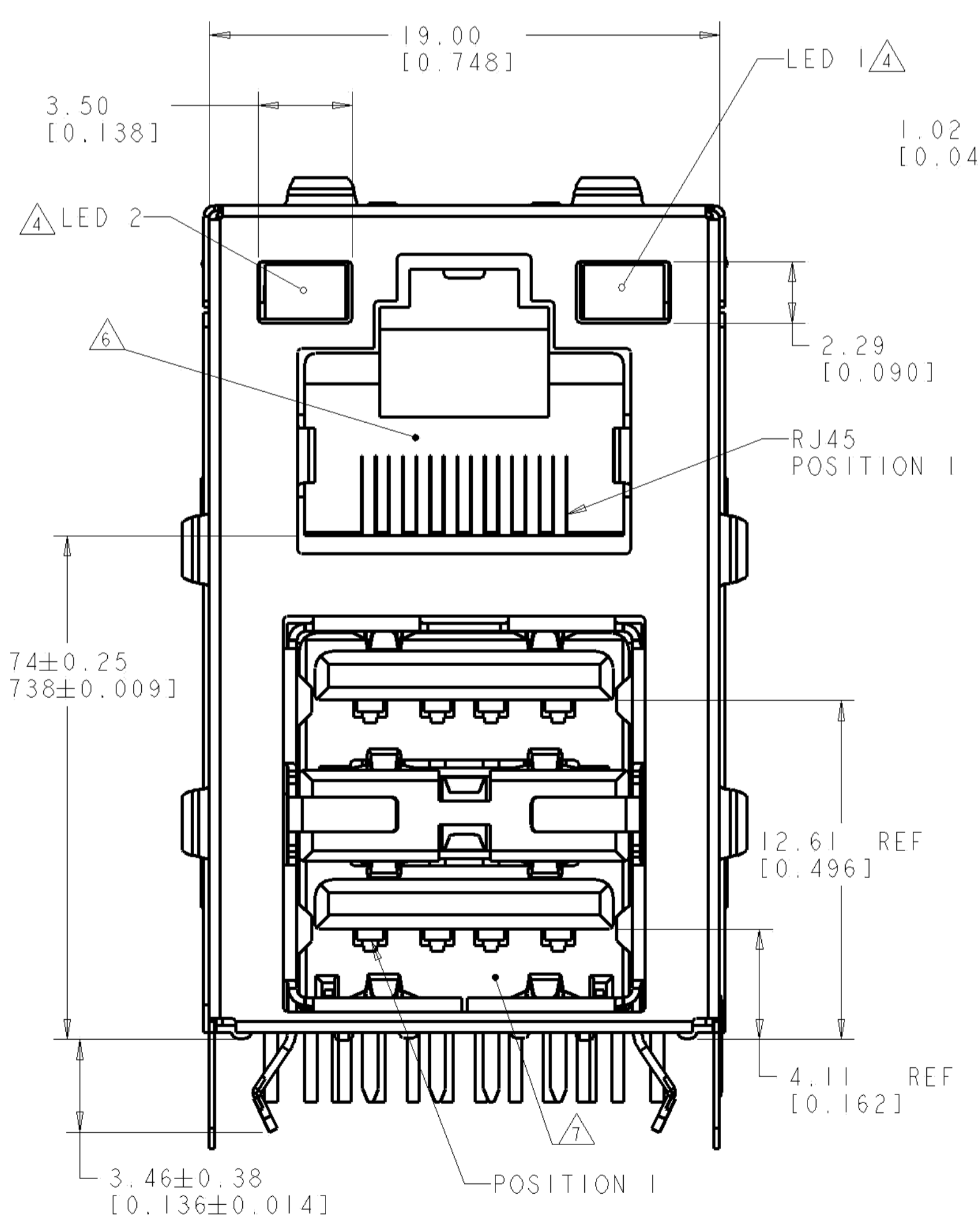
1. USB MATERIALS:
 SHELL - BRASS, PLATED WITH TIN 2.54µm MIN
 HOUSING - BLACK, THERMOPLASTIC, GLASS FILLED, UL 94V-0 RATED
 CONTACT - PHOSPHOR BRONZE WITH SELECTIVE GOLD PLATING
- RJ45 MATERIALS:
 PLASTIC HOUSING - BLACK, THERMOPLASTIC FLAMMABILITY RATING UL 94V-0
 SHIELD - BRASS, PLATED WITH 0.76 µm MIN SEMI-BRIGHT NICKEL,
 SELECTED TIN 3.05µm MIN ON SOLDER TAILS ONLY
 CONTACTS - PHOSPHOR BRONZE
 PLATING - 1.27 µm MIN NICKEL UNDER PLATE WITH SELECT 1.27 µm MIN GOLD
 AT MATING INTERFACE AND 3.05 µm MIN TIN ON CONTACT TAILS
- LED - DIFFUSED EPOXY LENS, 0.5 x 0.5 CARBON STEEL WIREFRAME LEADS PRE-PLATED
 WITH 2.03 µm MIN SILVER OVER 1.02 µm MIN NICKEL UNDERPLATE OVER
 1.02 µm MIN COPPER UNDERPLATE. POST-PLATED WITH 2.54 µm MIN MATTE TIN
 AND/OR SAC SOLDER DIP OR PURE TIN SOLDER DIP

- ⚠ MAGNETICS
 -APPLICATION: 10/100/1000 BASE-T
 -IMPEDANCE: 100 OHMS
 -TURNS RATIO (CHIP:CABLE): 1:1 ALL FOUR PAIRS
 -OPEN CIRCUIT INDUCTANCE (OCL): 350uH MIN @100kHz, 0.1VRMS,
 8mADC BIAS FROM 0°C TO 70°C, ALL FOUR PAIRS
 -ALL FOUR PAIRS BI-DIRECTIONAL
 -PERFORMANCE @ 25°C:
 INSERTION LOSS (IL): 1.1dB MAX FROM 0.5MHz TO 100MHz
 RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 40MHz
 12-20LOG(f/80)dB MIN FROM 40.1MHz TO 100MHz
 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 40.6.1.1, ITEM b.

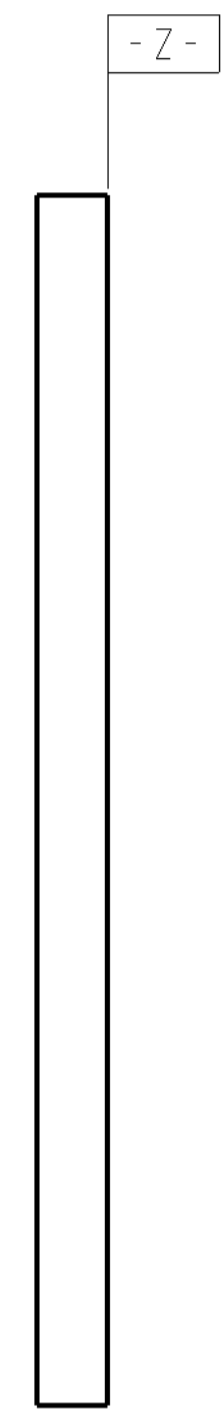
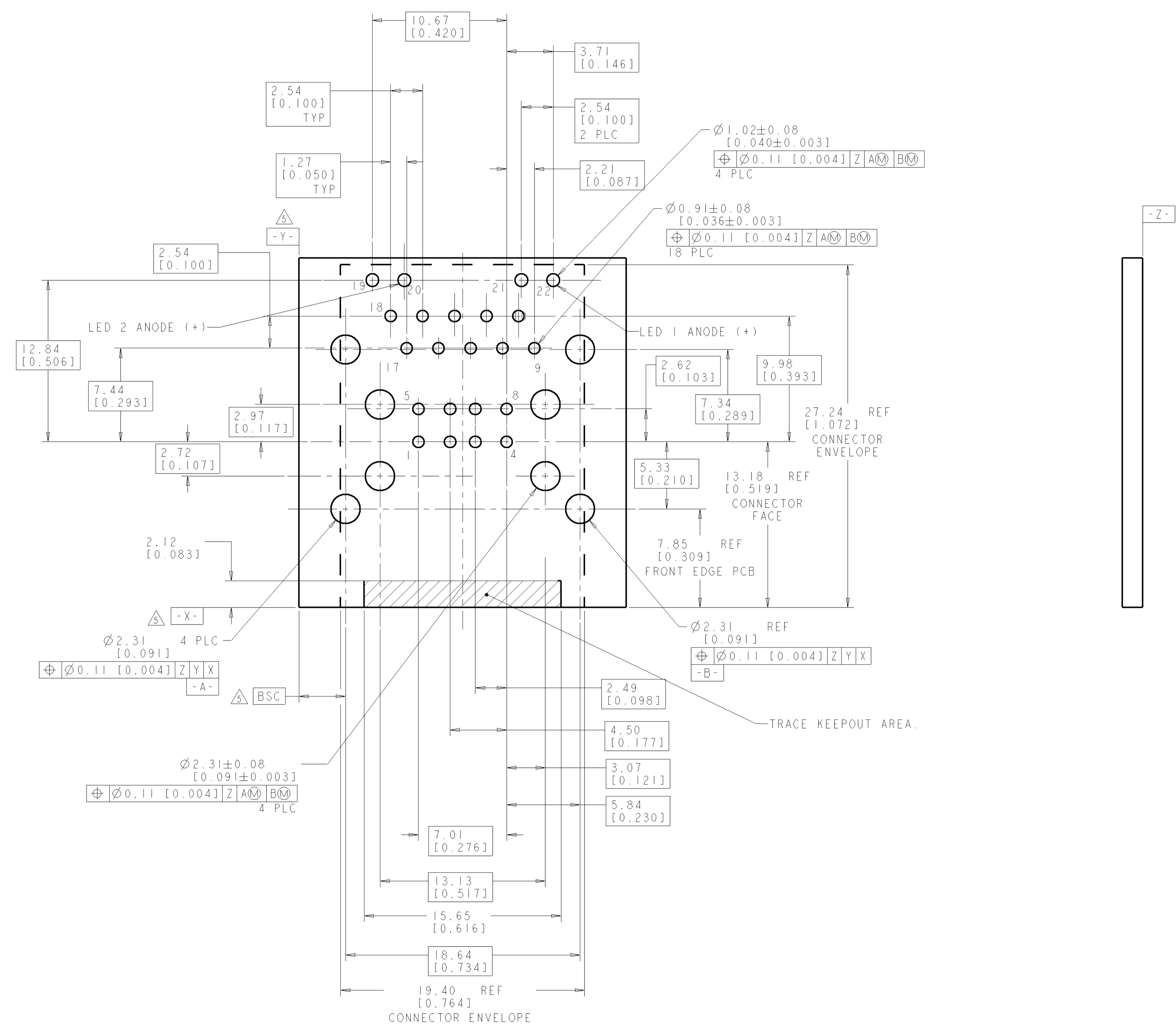
- ⚠ TRP CONNECTOR LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN
 AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.
- ⚠ LED IS DRIVEN WITH CONSTANT CURRENT AT APPROX 20mA.
 LED COLOR: DOMINANT WAVELENGTH (λD): GREEN 568 nm TYP. at IF=20mA
 FORWARD VOLTAGE (VF): GREEN 2.2V TYP. at IF=20mA
 DOMINANT WAVELENGTH (λD): YELLOW 588 nm 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 PN 292323 WITH USB 2.0 CERTIFICATE TEST ID NO. 60000242
8. OPERATING TEMPERATURE: T = 0° C TO +70° C
9. THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS. PEAK SOLDERING
 TEMPERATURE IS 265 °C MAX, 10sec MAX.

SCALE 5:1



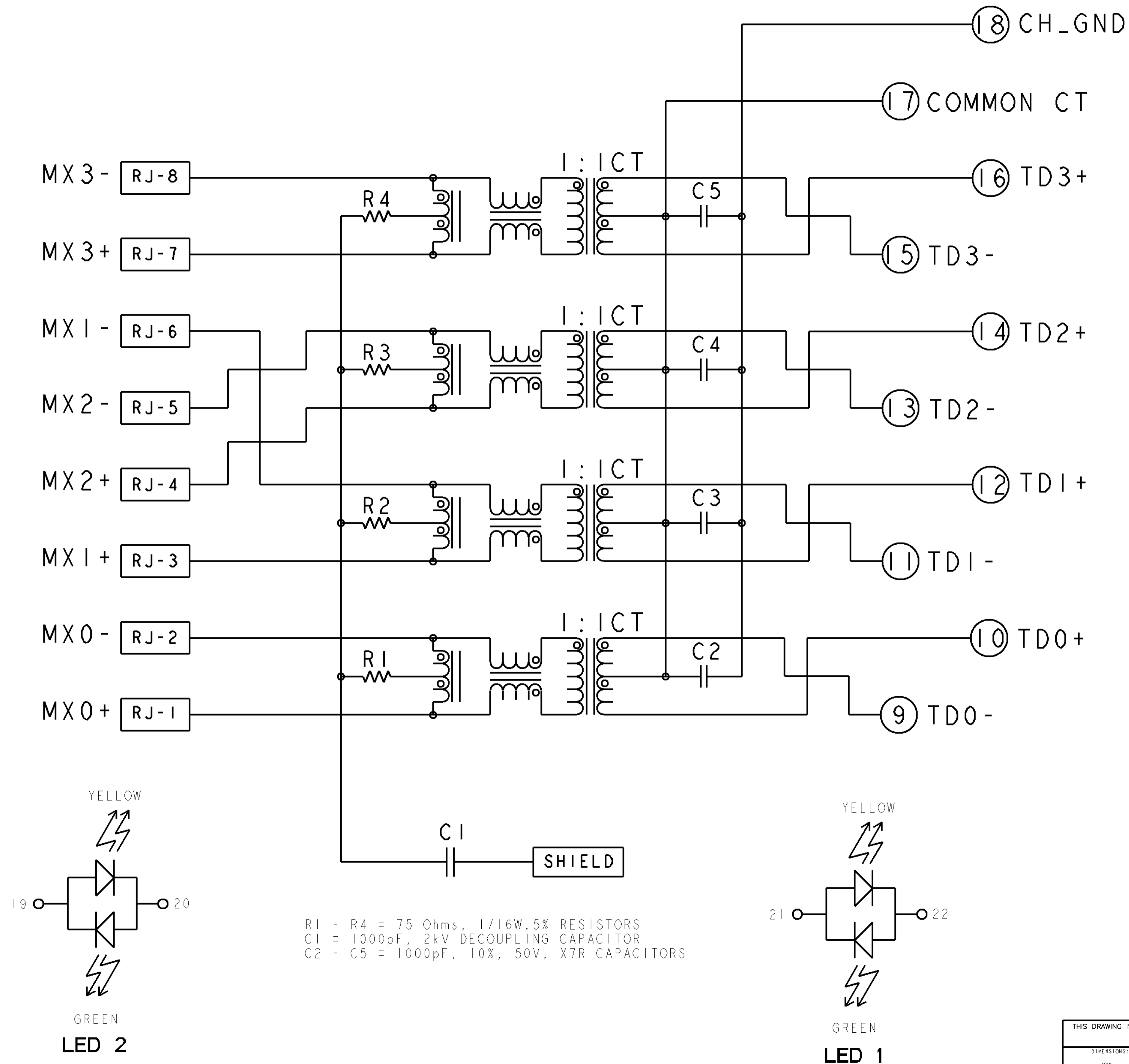
3.24		GREEN/YELLOW	GREEN/YELLOW	I-1840025-4
DIM A		LED 2	LED 1	PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.				
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DATE: 27MAR2008
0 PLC	±	DRAWN BY: RANDY QIU		CHK: LI JUN RAO
1 PLC	±0.25	APPROVED BY: TEDDY XIONG		DATE: 27MAR2008
2 PLC	±	PRODUCT SPEC		NAME: MAGNETIC RJ45 MOD JACK OVER USB
3 PLC	±	APPLICATION SPEC		SIZE: CASE CODE: DRAWING NO
4 PLC	±	WEIGHT		A 00779 ©=1840025
ANGLES	±	CUSTOMER DRAWING		RESTRICTED TO
MATERIAL: SEE NOTE 1	FINISH: SEE NOTE 1	SCALE: 6:1		SHEET 1 OF 3 REV B




RECOMMENDED P.C.B. FOOTPRINT COMPONENT SIDE

THIS DRAWING IS A CONTROLLED DOCUMENT.		ENR RANDY QIU 27MAR2008	<p>TRP connector Dongguan China</p>
DIMENSIONS: mm		CHK LI JUN RAO 27MAR2008	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD TEDDY XIONG 27MAR2008	PRODUCT SPEC
0 PLC	±		NAME
1 PLC	±		MAGNETIC RJ45 MOD JACK OVER USB
2 PLC	±0.25		STACKED RECEPTACLE 10 PIN GIGABIT
3 PLC	±		APPLICATION SPEC
4 PLC	±		SIZE CASE CODE DRAWING NO
ANGLES	±		A 00779 ©=1840025
MATERIAL	SEE NOTE 1	FINISH	SEE NOTE 1
CUSTOMER DRAWING		WEIGHT	RESTRICTED TO
		SCALE	2:1
		SHEET	2 OF 3
		REV	B

UR3G05 GIGABIT CIRCUIT



R1 - R4 = 75 Ohms, 1/16W, 5% RESISTORS
 C1 = 1000pF, 2kV DECOUPLING CAPACITOR
 C2 - C5 = 1000pF, 10%, 50V, X7R CAPACITORS

THIS DRAWING IS A CONTROLLED DOCUMENT.		ENY: RANDY GU 27MAR2008	 TRP connector Dongguan China
DIMENSIONS: mm		CHK: LIJUN BAO 27MAR2008	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD: TEDDY XIONG 27MAR2008	NAME: MAGNETIC RJ45 MOD JACK OVER USB STACKED RECEPTACLE 10 PIN GIGABIT
0 PLC ±	1 PLC ±	2 PLC ±0.25	APPLICAITON SPEC
3 PLC ±	4 PLC ±	ANGLES ±	SIZE: A
MATERIAL: SEE NOTE 1	FINISH: SEE NOTE 1	WEIGHT: -	CASE CODE: 00779
CUSTOMER DRAWING		SCALE: 8:1	DRAWING NO: 1840025
		SHEET 3 OF 3	REV B