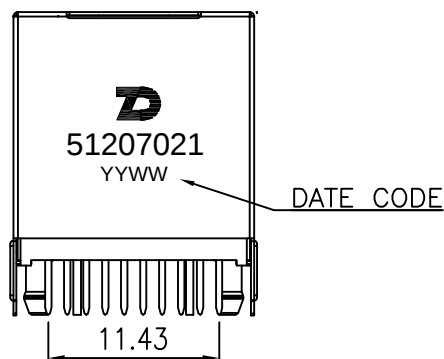
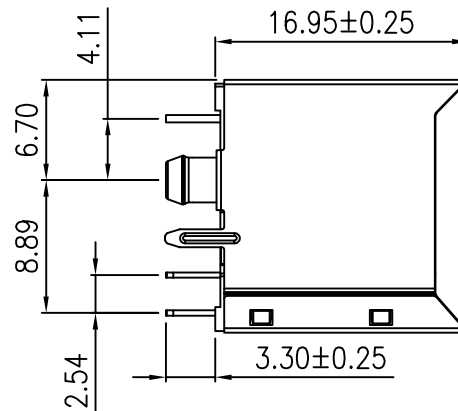
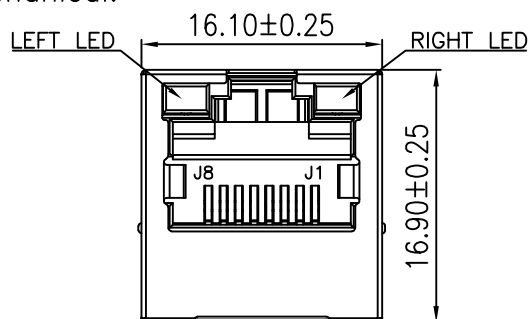
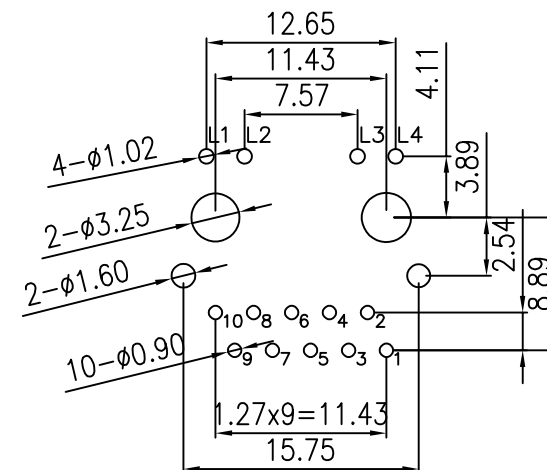
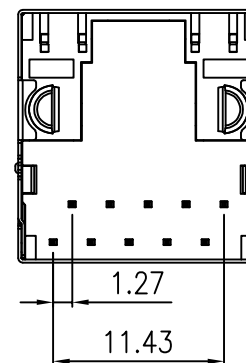


RoHS Compliant

Mechanical:



REV	MODIFICATION	DATE	DRAW	APPROVE



RECOMMENDED P.C.B LAYOUT(PCB THICKNESS: 1.6mm)
COMPONENT SIDE VIEW(TOLERANCE: ±0.05mm)

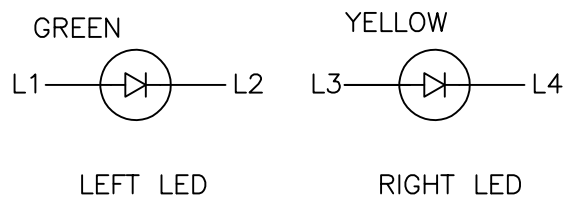
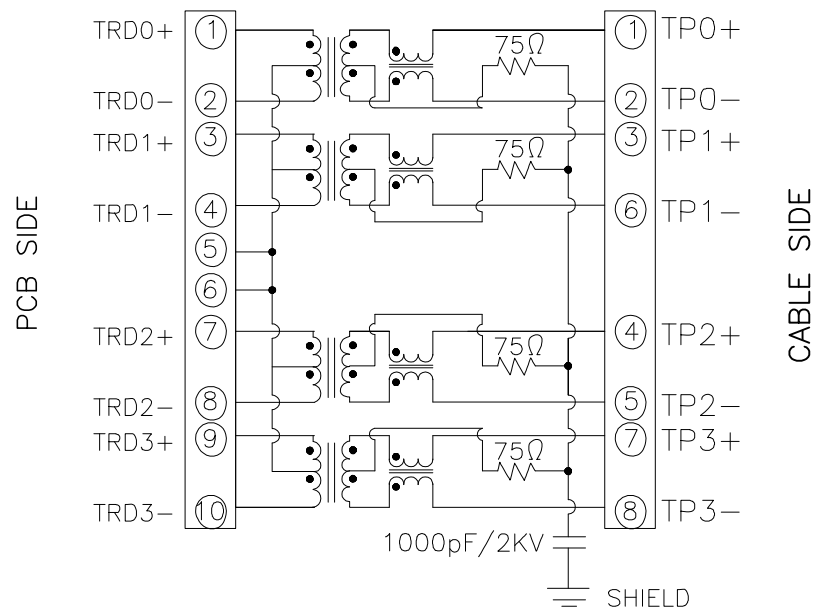
Connect Material:

- Housing: PBT,UL94V-0,Color:Black;
- Insert: PBT,UL 94V-0,Black;
- Shield: Brass T=0.2mm, 30u" Min Nickel Overall Plated;
- Input Terminal: Brass T=0.35mm
- Input And RJ45 Contact Terminal Plating: 50u"~80u" Ni UnderPlated Overall,80u"~120u" Tin On Solder Area;
- RJ45 Contacts Terminal: Phosphor Bronze T=0.35mm Selective 6u" Min Gold Plated On Contact Area;

QC : Inspection Item	DIMENSION IN mm [Inch]		ZhenDeng Electronics Co.,Ltd		
	TOLERANCE UNLESS OTHERWISE SPECIFIED		TITLE		
	.X± 0.38	X.*± 2.0"	RJ45 180° 1X1 10/100/1000		
	.XX± 0.20	.X.*± 1.0"	DRAWING NUMBER		
	.XXX± 0.10		51207021		
APPROVE	CHECK		DRAW	PROJ.	SHEET 1 OF 3
			CLT 2024,05,10	SCALE 1:1	SIZE A3
				REV A	

RoHS Compliant

Schematic:



REV	MODIFICATION	DATE	DRAW	APPROVE

Electrical Specifications @25°C								
Turns Ratio (±2%)		OCL (μH Min.) @100 KHz/0.1V with 8mA DC Bias	Cross talk (dB Min.)				Hi-POT 1.0 mA (V)	
TX	RX		0.5-10 MHz	30 MHz	50 MHz	100 MHz	WITHOUT RESISTOR	WITH RESISTOR
1CT:1CT	1CT:1CT	350	-50	-40	-35	-30	1500 AC	2250 DC

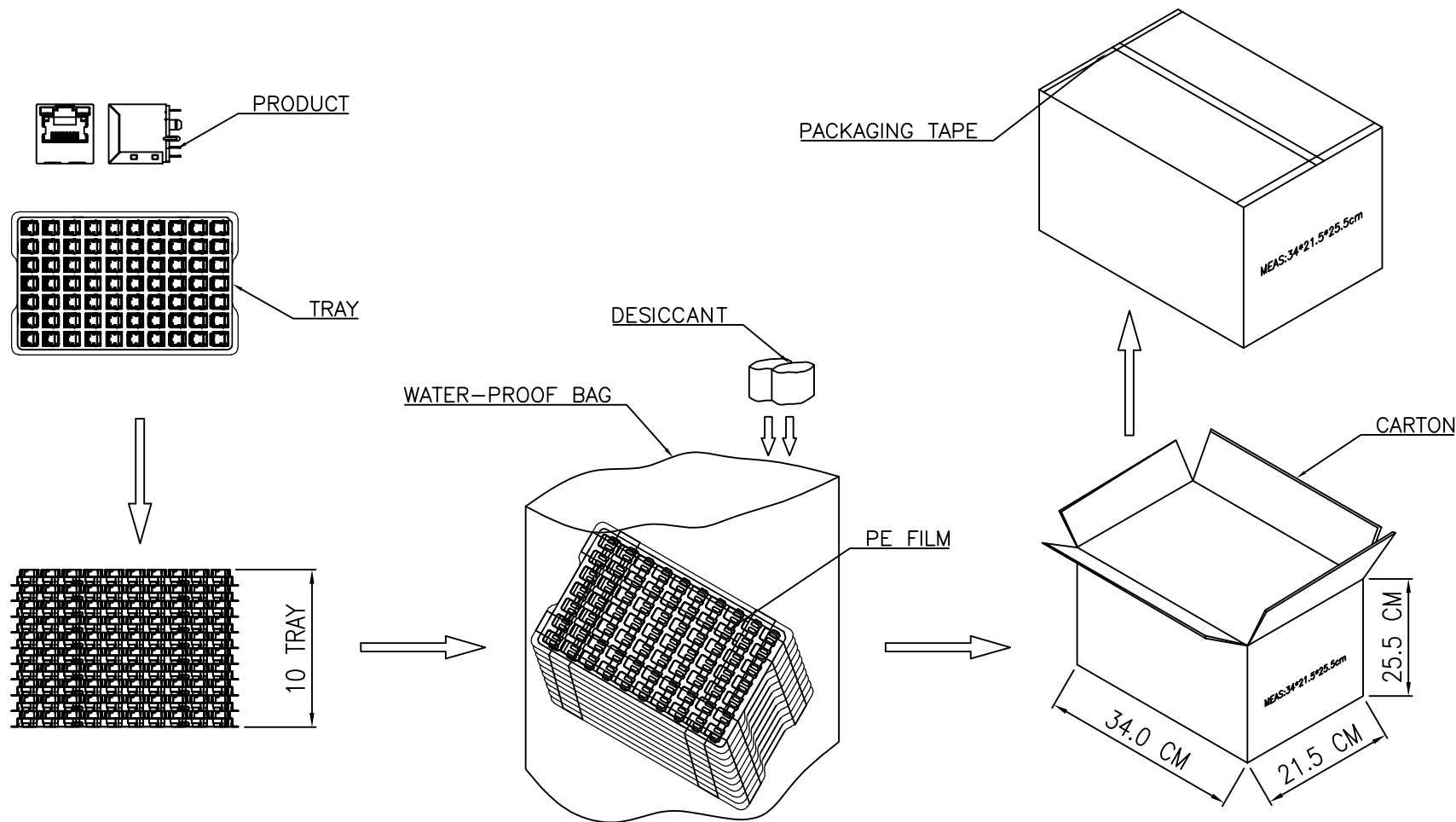
Continue							
Insertion Loss (dB Max.)		Return Loss (dB Min.) ● Load 100 OHM					CMR (dB Min.)
1-100 MHz	100-125 MHz (10/100/1000)	1-30 MHz	30-50 MHz	60 MHz	60-80 MHz	80-100 MHz (10/100/1000)	1-100 MHz
-1.0	-1.2	-18	-16	-14	-12	-10	-30

Operating and Storage Temperature:
Operating Temperature : -40°C to +85°C.
Storage Temperature : -40°C to +85°C.

QC : Inspection Item	DIMENSION IN mm [Inch]		ZhenDeng Electronics Co.,Ltd		
	TOLERANCE UNLESS OTHERWISE SPECIFIED		TITLE		
	.X± 0.38	X.*± 2.0*	RJ45 180° 1X1 10/100/1000		
	.XX± 0.20	.X*± 1.0*	DRAWING NUMBER		
	.XXX± 0.10		51207021		
APPROVE	CHECK	DRAW	CLT	PROJ.	SHEET 2 OF 3
		2024,05,10		SCALE 1:1	SIZE A3
				REV A	

RoHS Compliant

REV	MODIFICATION	DATE	DRAW	APPROVE



NOTES:

1. PRIMARY PACKING: 70PCS/TRAY
2. SECONDARY PACKING: 10TRAY/CARTON(700PCS/CARTON)
3. CARTON SIZE: 340x215x255mm

QC : Inspection Item	DIMENSION IN mm [Inch]		ZhenDeng Electronics Co.,Ltd		
	TOLERANCE UNLESS OTHERWISE SPECIFIED		TITLE RJ45 180°1X1 10/100/1000 PACKING		
	.X± 0.38	X.*± 2.0'	DRAWING NUMBER 180°1X1 10/100/1000 PACKING		
	.XX± 0.20	.X.*± 1.0'			
	.XXX± 0.10				
APPROVE	CHECK		DRAW CLT 2024,05,10	PROJ. SCALE 1:1	SHEET 1 OF 3 SIZE A3 REV A