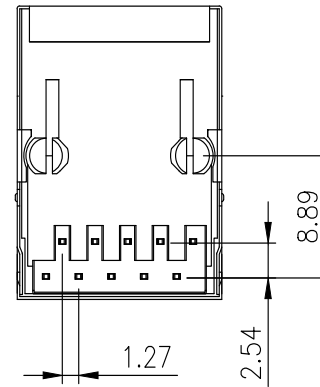
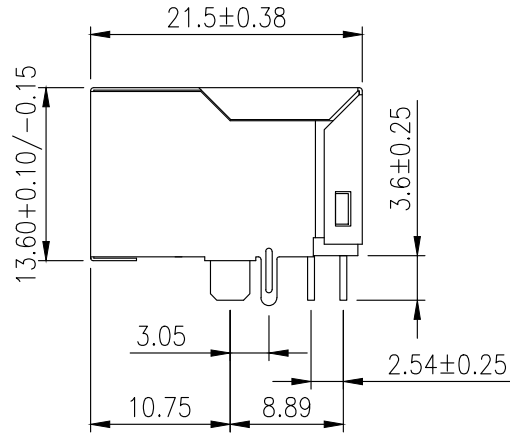
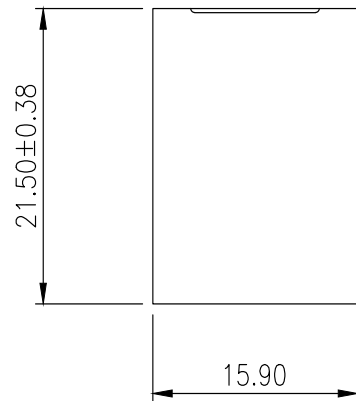


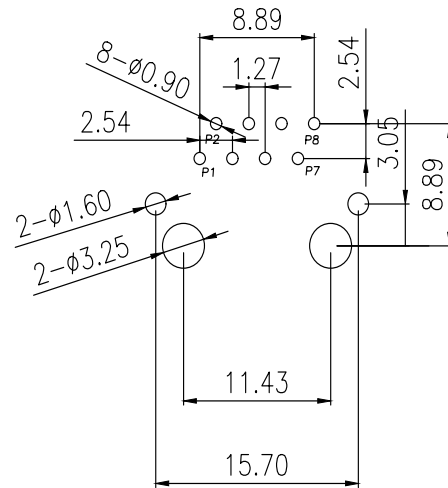
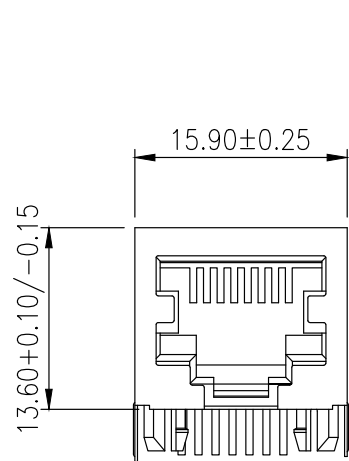
NO.	ECN NO.	DESCRIPTION	REV.	DRAW	DATE

Mechanical:



NOTE:

1. Shielded - 0.20mm THICKNESS BRASS C2680 H. PLATING NICKEL 20u"Min.
2. Housing- Standard Material Nylon66, Glass Filled Polyester UL94V-0 Standard Color Black.
3. RJ Terminal- Plastic: Nylon66, UL94V-0, Standard Color Black. Pin: 0.35mm Thickness Phos-Bronze C5210 EH. Plating: Nickel 40u"~60u" for all and Sn 100%, and 6u" Gold Plating.
4. Input Terminal- Nylon66, Glass Filled, UL94V-0, Standard Color Black. Pin: 0.35mm SUS430. Plating: Nickel 40u"~60u" for all and Sn 100%.
5. Standard operation temp. (0°C to +70°C)

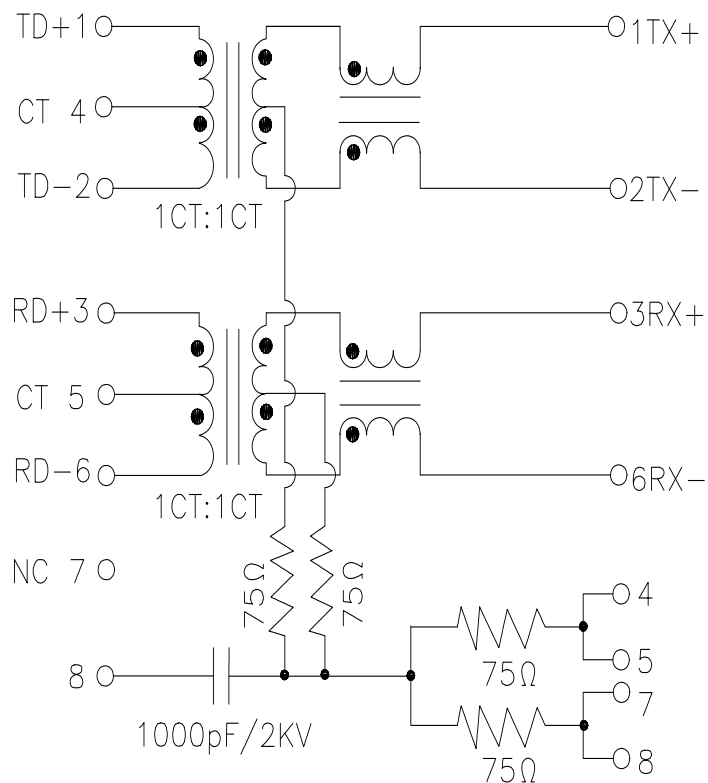


PCB Layout

TOLERANCE				APPS Electronics Limited		
.X	±0.25	X.°	±2°			
.XX	±0.15	.X°	±1°			
.XXX	±0.075					
SCALE	1:1	PROJ.		DESIGN	TITLE	1*1 RJ 10/100 BASE-T
SHEET	1/2	SIZE	A4	CHECKED	ITEM NO.	AE-RJD102A007
UNIT	mm	REV.	A	APPROVE	DWG NO.	

Schematic:

PCB SIDE



CABLE SIDE

Electrical Specifications @25°C

Turns Ratio (±2%)		OCL (uH 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 CAPACITANCE	WITH CAPACITANCE
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

TOLERANCE

.X	±0.25	X.°	±2°
.XX	±0.15	.X°	±1°
.XXX	±0.075		



APPS Electronics Limited

SCALE	1:1	PROJ.		DESIGN	TITLE	1*1 RJ 10/100 BASE-T
SHEET	2/2	SIZE	A4	CHECKED	ITEM NO.	AE-RJD102A007
UNIT	mm	REV.	A	APPROVE	DWG NO.	