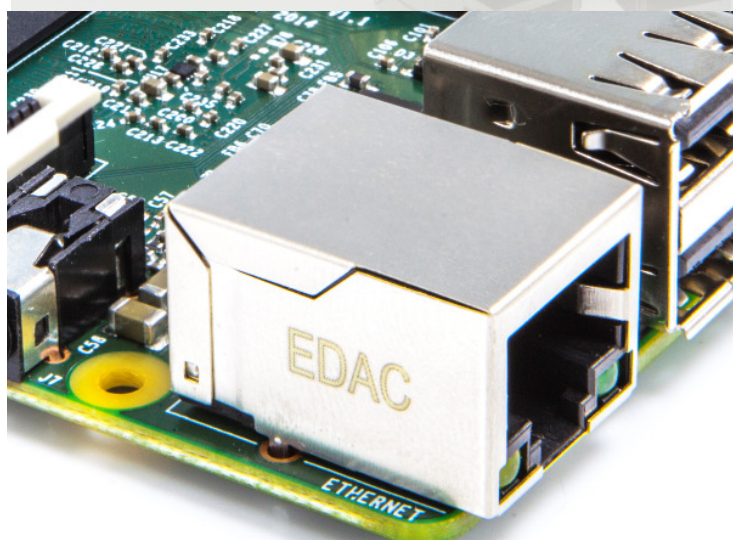
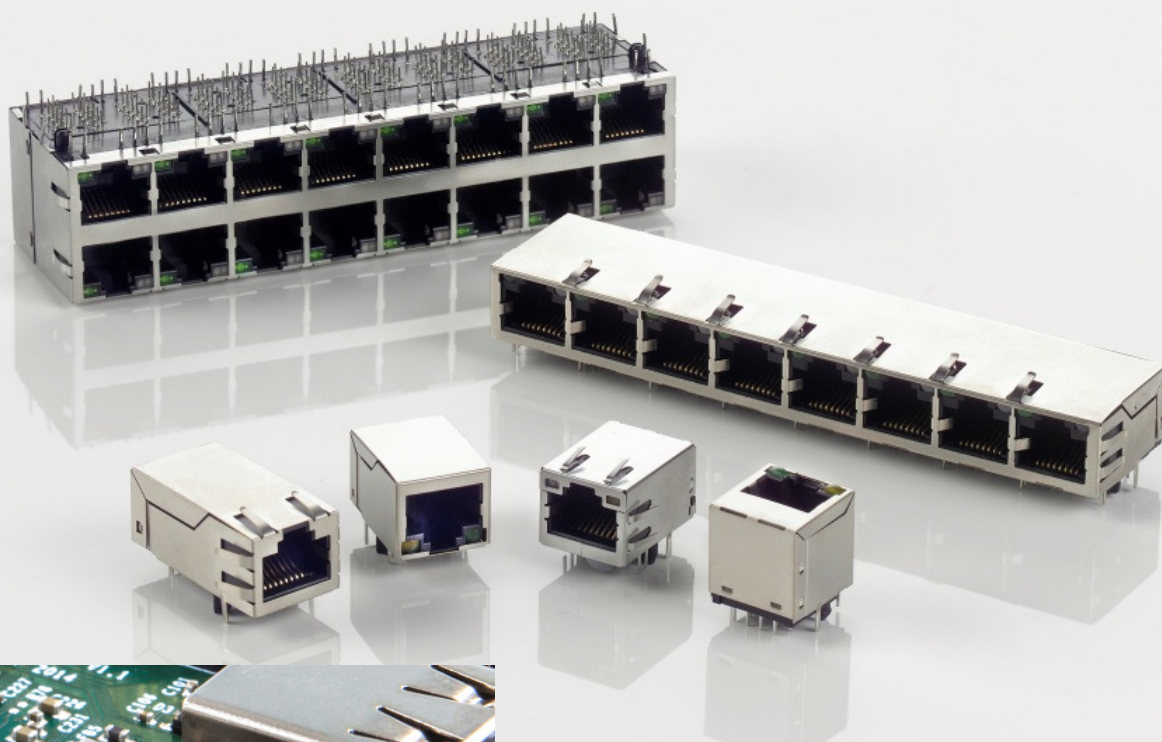
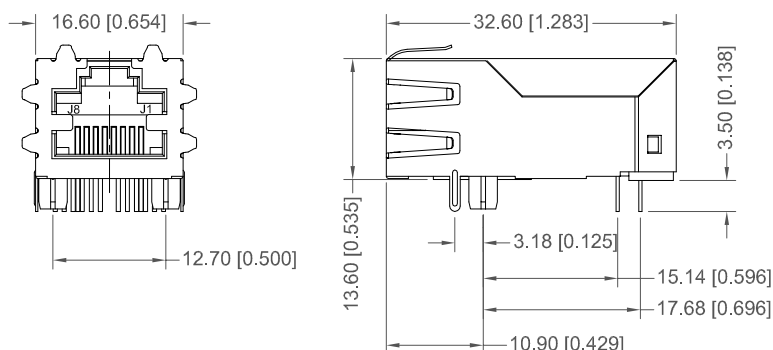




MAGNETIC JACK CONNECTORS (A60 SERIES)



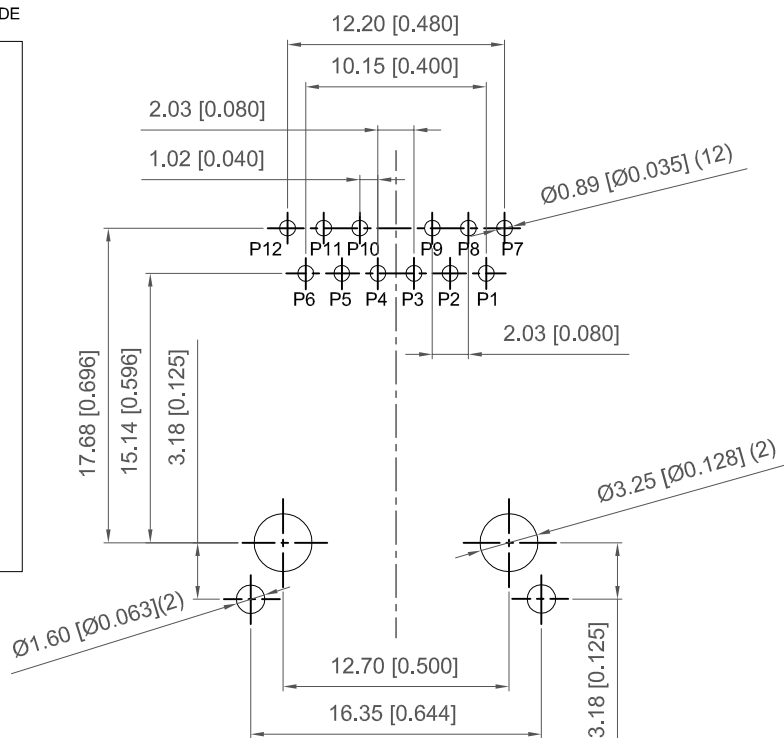
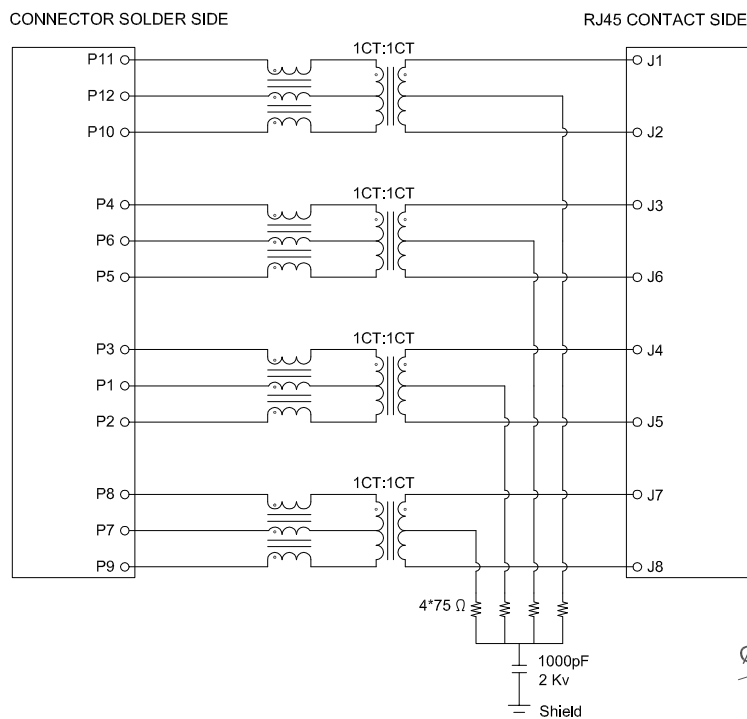
1. MECHANICAL DIMENSIONS:



PART NO	GOLD PLATING THICKNESS
A60-112-200P471	GOLD FLASH PLATING
A60-113-200P471	15 MICRO INCHES OF GOLD
A60-114-200P471	30 MICRO INCHES OF GOLD

10/100/1000 Mbps, Without LED, Latch-Up
12P, 8C Shielded

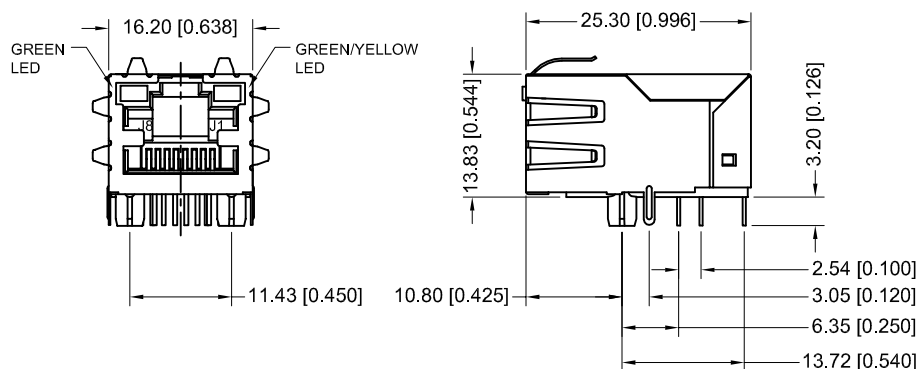
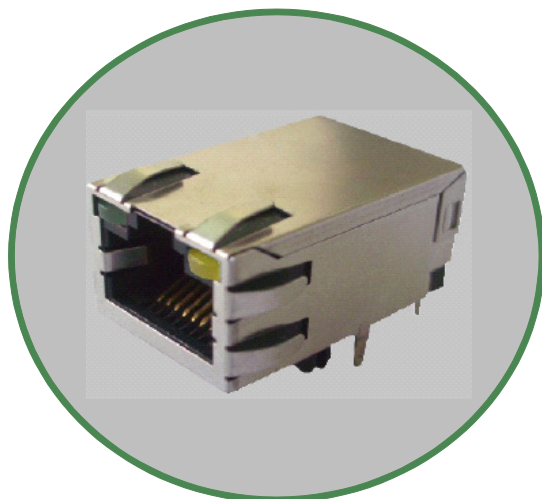
2. SCHEMATIC:



3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Isolation PHY
1MHz-100MHz	1MHz-100MHz	1MHz-40MHz	60MHz-80MHz	1MHz-100MHz	2250 VDC
-30dB (Min)	-1dB (Max)	-16dB (Min)	-10dB (Min)	-30dB (Min)	PHY Side to Line Side

1. MECHANICAL DIMENSIONS:



**10/100/1000 Mbps, With LED, Latch-Up
10P, 8C, Shielded**

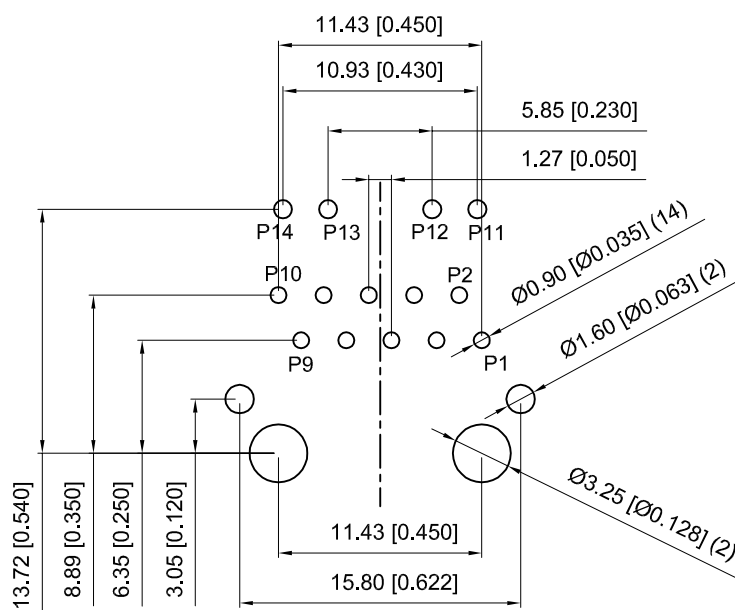
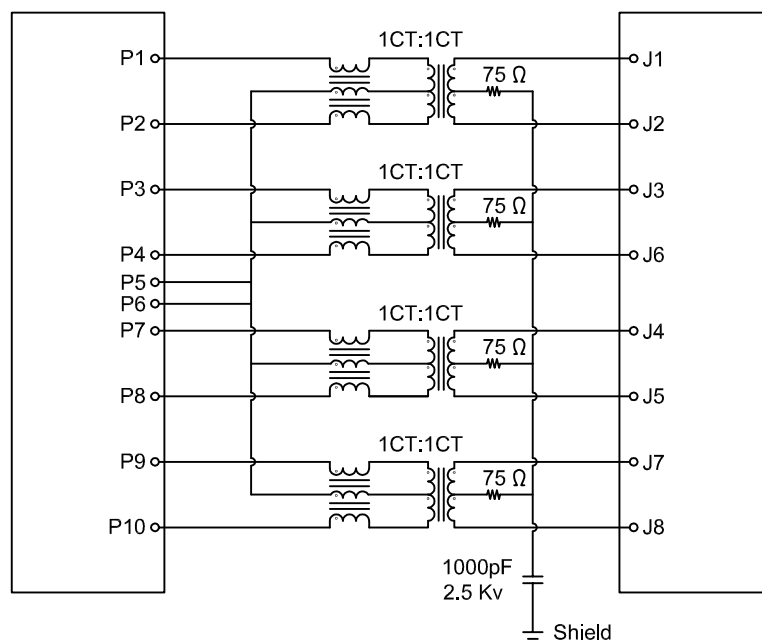
<u>PART NO</u>	<u>GOLD PLATING THICKNESS</u>
A60-112-235N414	GOLD FLASH PLATING
A60-113-235N414	15 MICRO INCHES OF GOLD
A60-114-235N414	30 MICRO INCHES OF GOLD

2. SCHEMATIC:

4. PCB LAYOUT (Top View)

CONNECTOR SOLDER SIDE

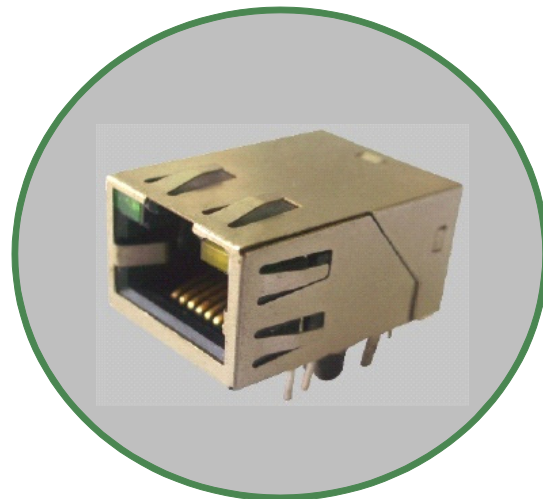
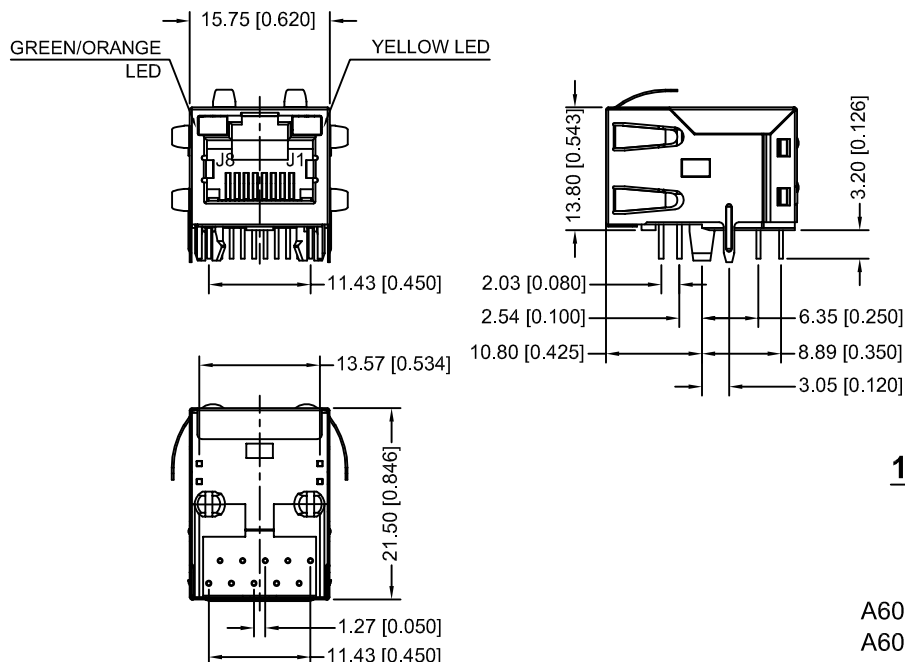
RJ45 CONTACT SIDE



3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Isolation PHY
1MHz-100MHz	1MHz-100MHz	1MHz-40MHz	60MHz-80MHz	1MHz-100MHz	2250 VDC
-30dB (Min)	-1dB (Max)	-16dB (Min)	-10dB (Min)	-30dB (Min)	PHY Side to Line Side

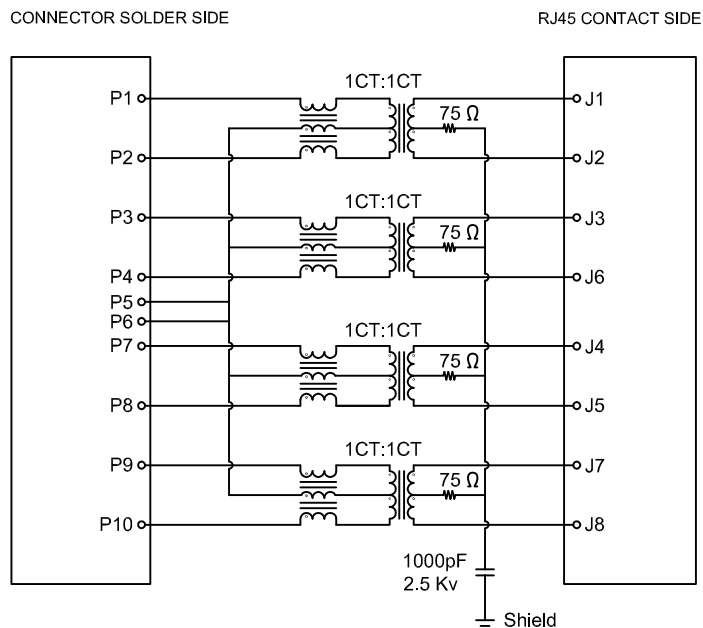
1. MECHANICAL DIMENSIONS:



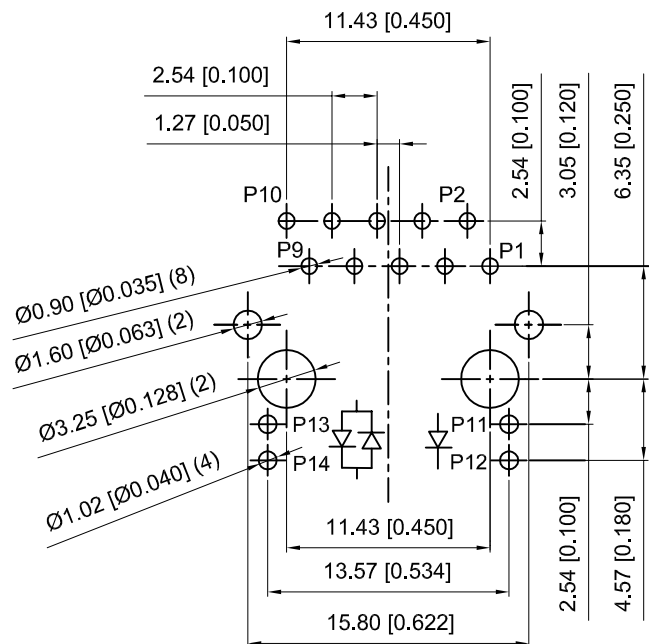
10/100/1000 Mbps, With LED, Latch-Up 10P, 8C, Shielded

PART NO	GOLD PLATING THICKNESS
A60-112-271N414	GOLD FLASH PLATING
A60-113-271N414	15 MICRO INCHES OF GOLD
A60-114-271N414	30 MICRO INCHES OF GOLD

2. SCHEMATIC:



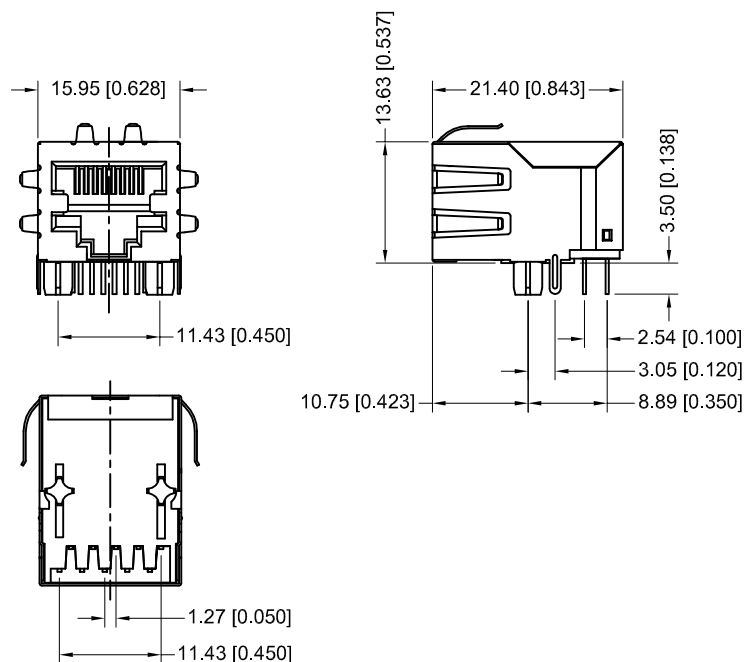
4. PCB LAYOUT (Top View)



3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Isolation PHY
1MHz-100MHz	1MHz-100MHz	1MHz-40MHz	60MHz-80MHz	1MHz-100MHz	2250 VDC
-30dB (Min)	-1dB (Max)	-16dB (Min)	-10dB (Min)	-30dB (Min)	PHY Side to Line Side

1. MECHANICAL DIMENSIONS:



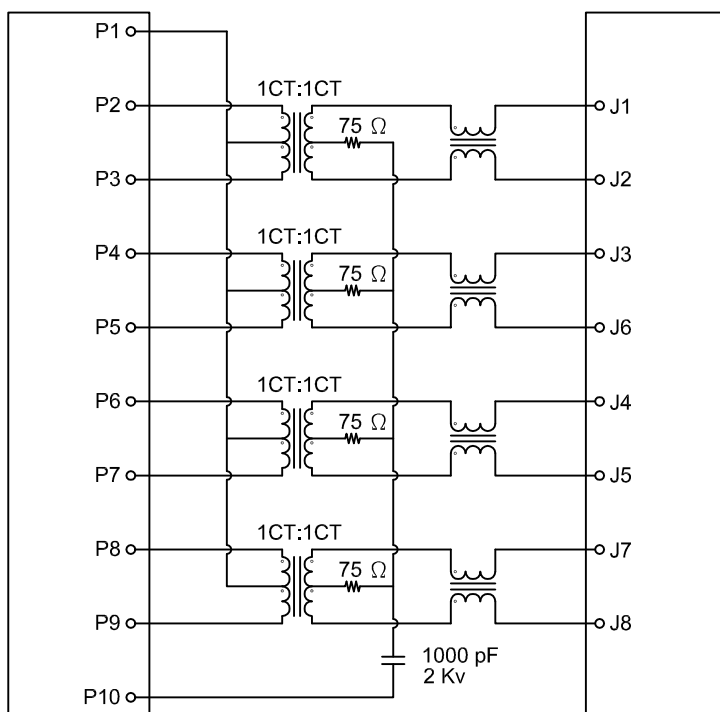
**10/100/1000 Mbps, Without LED, Latch-Down
10P, 8C, Shielded**

PART NO	GOLD PLATING THICKNESS
A60-112-300P432	GOLD FLASH PLATING
A60-113-300P432	15 MICRO INCHES OF GOLD
A60-114-300P432	30 MICRO INCHES OF GOLD

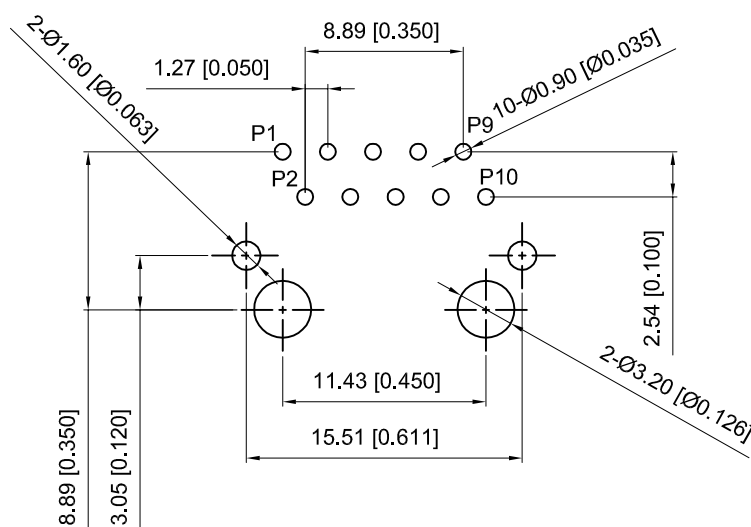
2. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



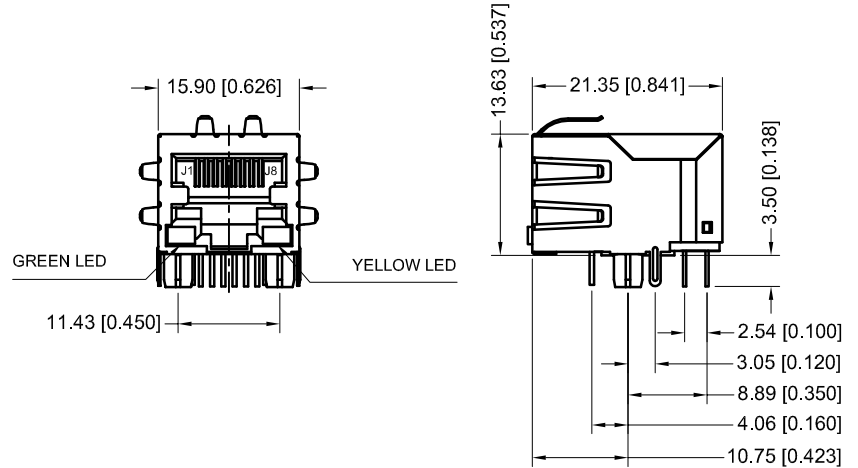
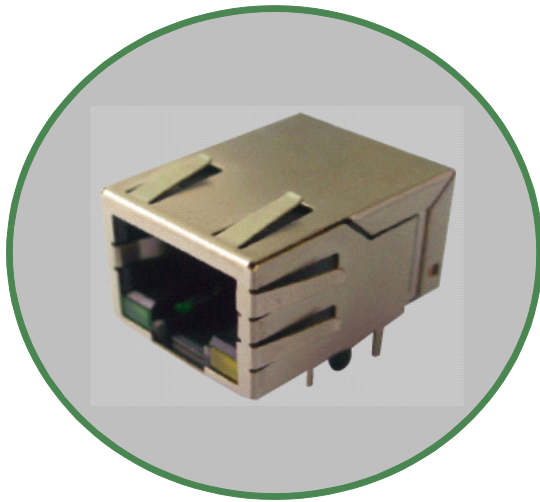
4. PCB LAYOUT (Top View)



3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	1MHz-100MHz	1MHz-40MHz	60MHz-80MHz	1MHz-100MHz	1500VAC or 2250VDC	
-30dB (Min)	-1dB (Max)	-16dB (Min)	-10dB (Min)	-30dB (Min)	(P2,P3):(J1,J2) (P4,P5):(J3,J6)	(P6,P7):(J4,J5) (P8,P9):(J7,J8)

1. MECHANICAL DIMENSIONS:

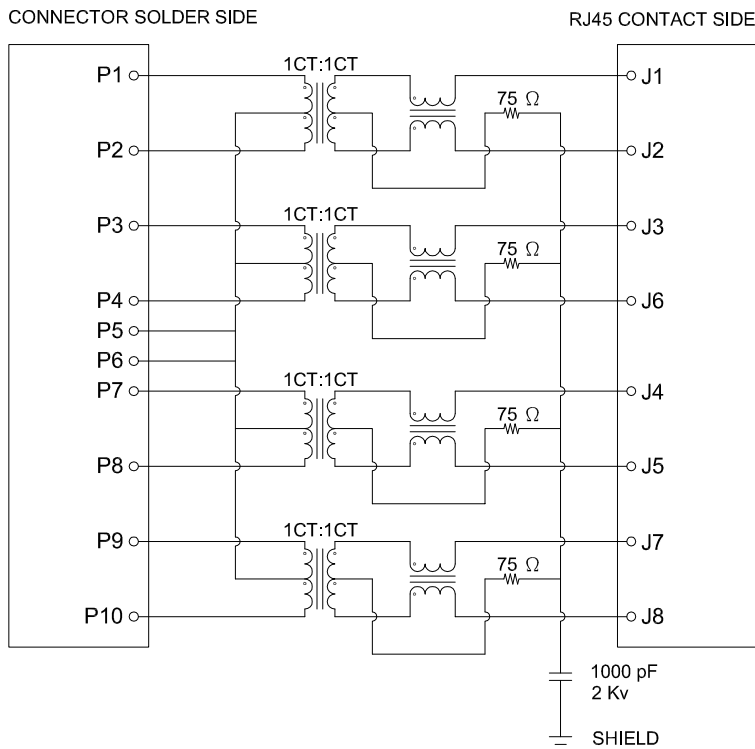


10/100/1000 Mbps, With LED, Latch-Down
10P, 8C, Shielded

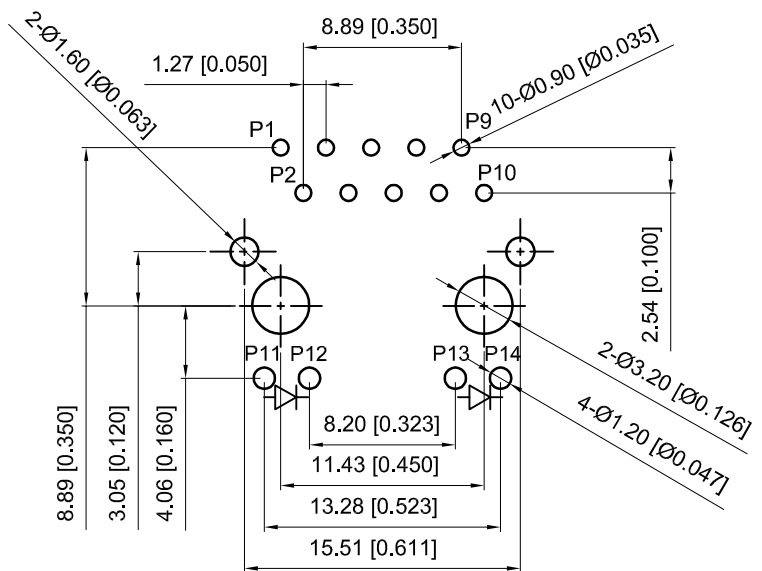
PART NO
A60-112-331P411
A60-113-331P411
A60-114-331P411

GOLD PLATING THICKNESS
GOLD FLASH PLATING
15 MICRO INCHES OF GOLD
30 MICRO INCHES OF GOLD

2. SCHEMATIC:



4. PCB LAYOUT (Top View)

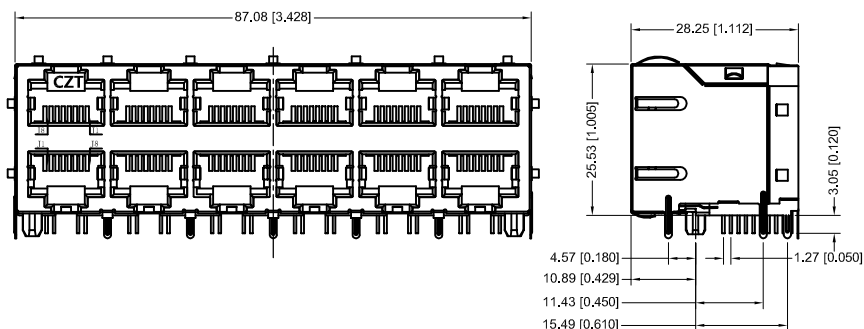


3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss	CMRR	Isolation PHY
1MHz-100MHz	1MHz-100MHz	1MHz-40MHz	60MHz-80MHz	1MHz-100MHz
-30dB (Min)	-1dB (Max)	-16dB (Min)	-10dB (Min)	-30dB (Min)
				PHY Side to Line Side



1. MECHANICAL DIMENSIONS:



10/100/1000 Mbps, Without LED, 2 X 6 Port
10P, 8C, Shielded

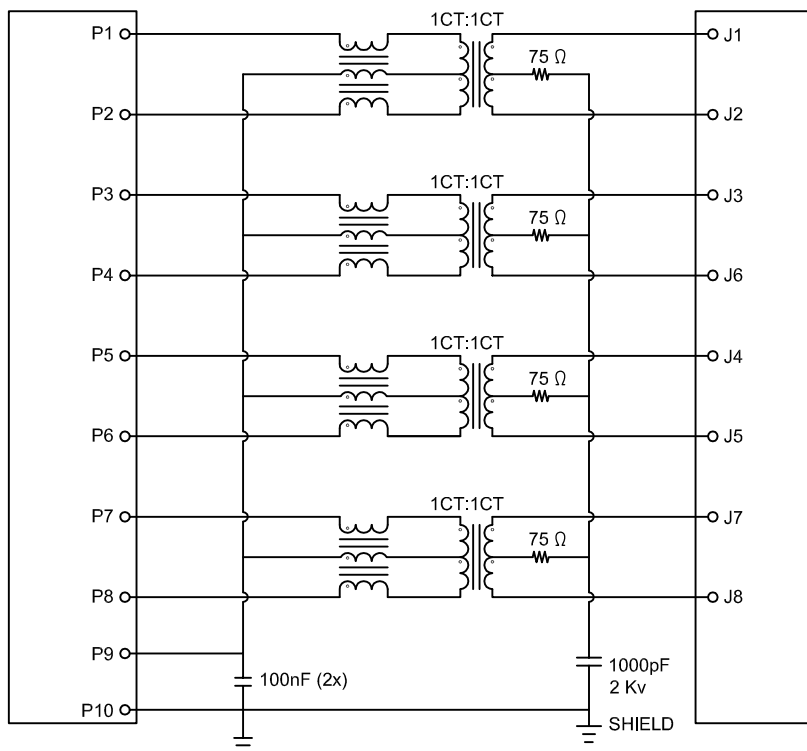
PART NO
A60-262-300P562
A60-263-300P562
A60-264-300P562

GOLD PLATING THICKNESS
GOLD FLASH PLATING
15 MICRO INCHES OF GOLD
30 MICRO INCHES OF GOLD

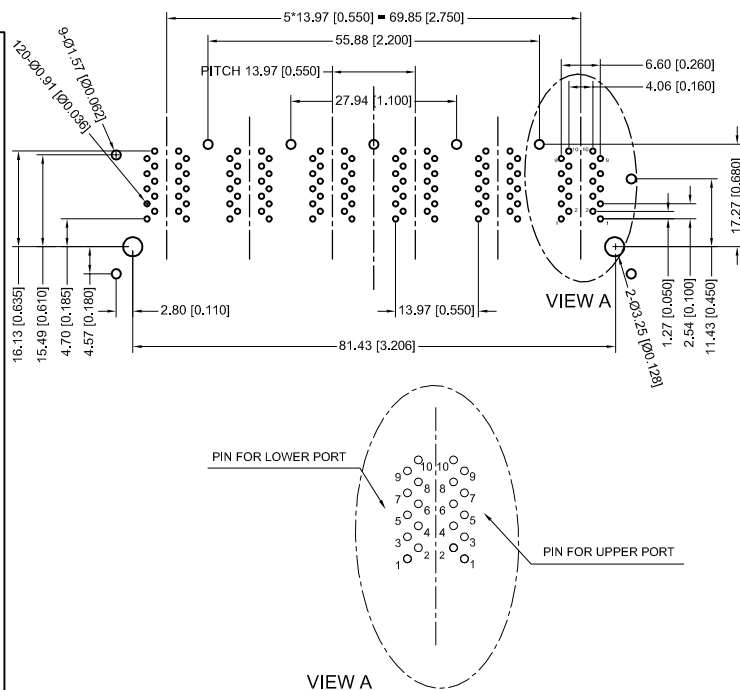
2. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE

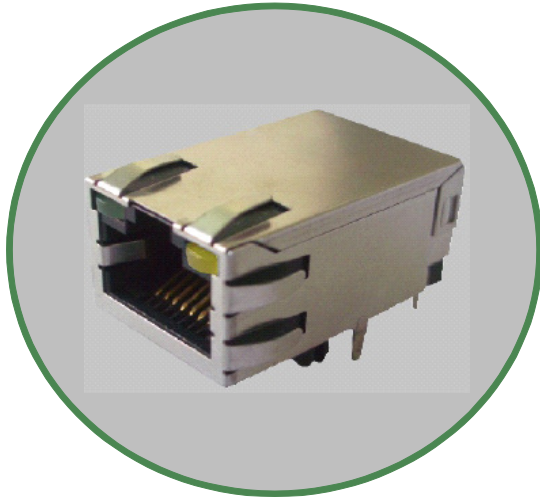


4. PCB LAYOUT (Top View)

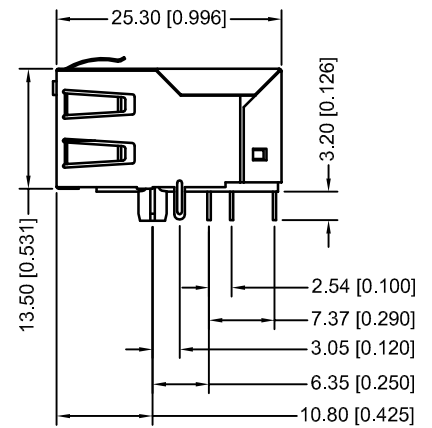
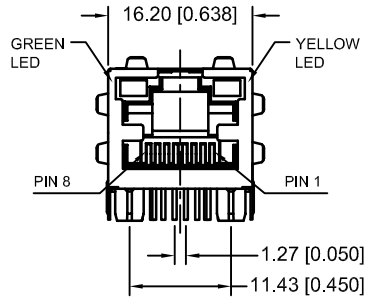


3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	1MHz-100MHz	1MHz-40MHz	60MHz-80MHz	1MHz-100MHz	1200 VAC	
-30dB (Min)	-1dB (Max)	-16dB (Min)	-10dB (Min)	-30dB (Min)	(P1,P2):(J1,J2) (P3,P4):(J3,J6)	(P5,P6):(J4,J5) (P7,P8):(J7,J8)



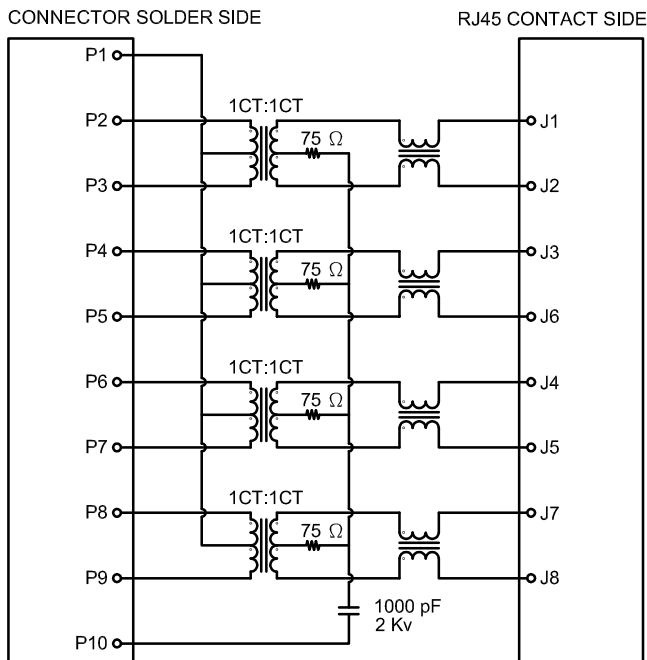
1. MECHANICAL DIMENSIONS:



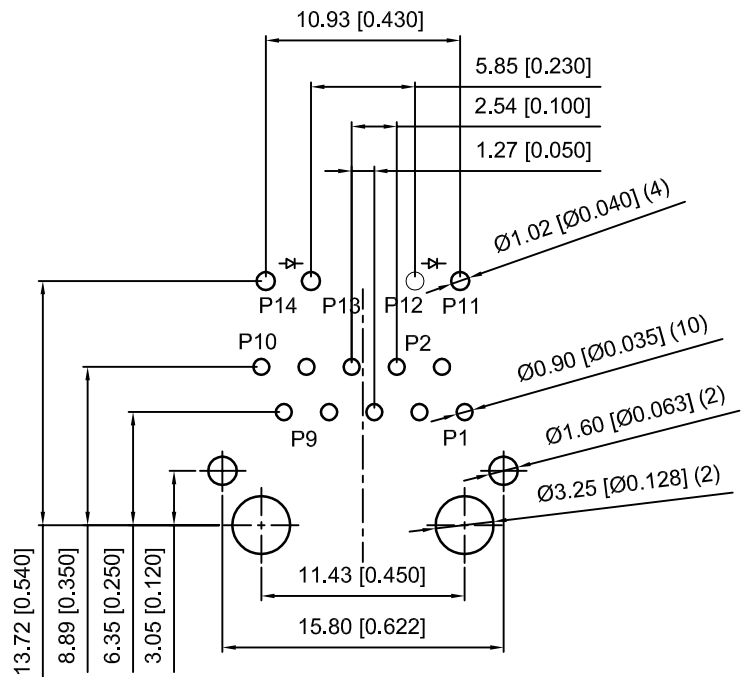
10/100/1000 Mbps, With LED, Latch-Up
10P, 8C, Shielded

PART NO	GOLD PLATING THICKNESS
A60-112-231N432	GOLD FLASH PLATING
A60-113-231N432	15 MICRO INCHES OF GOLD
A60-114-231N432	30 MICRO INCHES OF GOLD

2. SCHEMATIC:



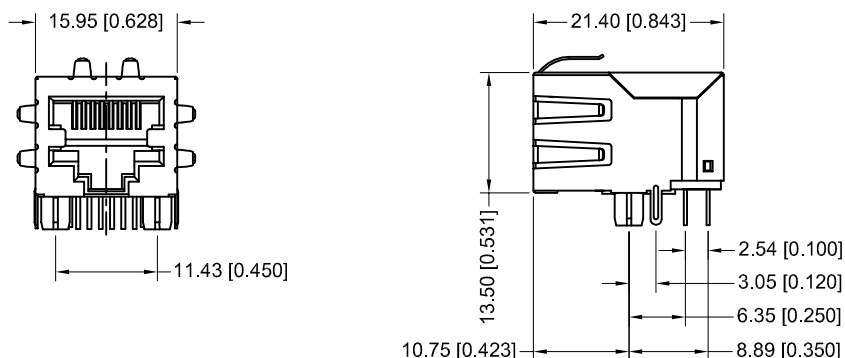
4. PCB LAYOUT (Top View)



3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	1MHz-100MHz	1MHz-40MHz	60MHz-80MHz	1MHz-100MHz	1500VAC or 2250VDC	
-30dB (Min)	-1dB (Max)	-16dB (Min)	-10dB (Min)	-30dB (Min)	(P2,P3):(J1,J2) (P4,P5):(J3,J6)	(P6,P7):(J4,J5) (P8,P9):(J7,J8)

1. MECHANICAL DIMENSIONS:

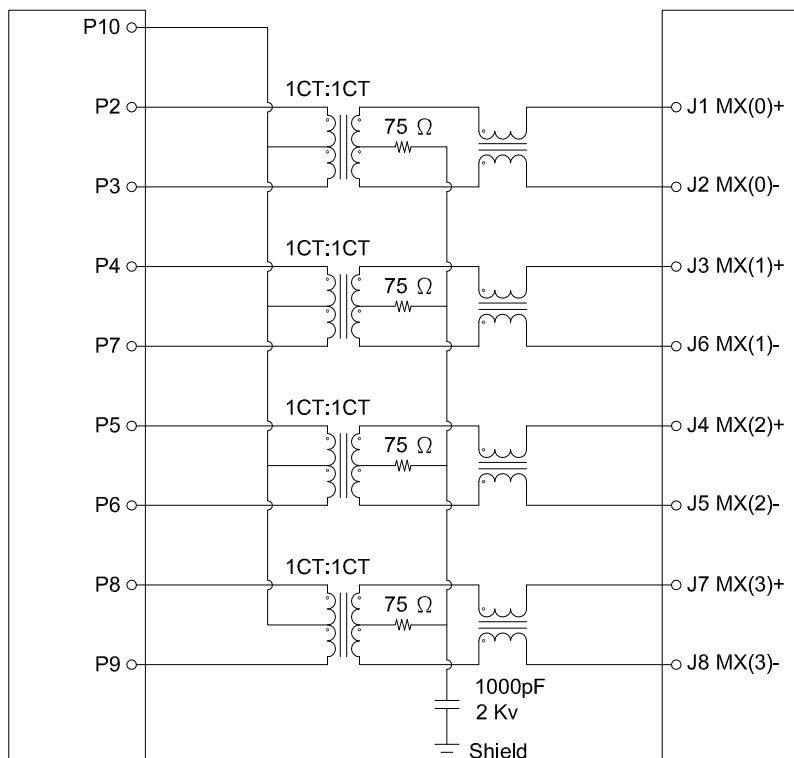


10/100/1000 Mbps, Without LED, Latch-Down 10P, 8C, Shielded

2. SCHEMATIC:

CONNECTOR SOLDER SIDE

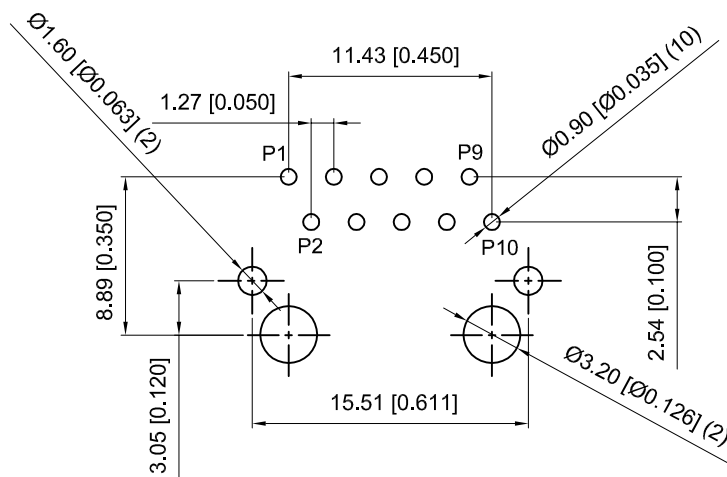
RJ45 CONTACT SIDE



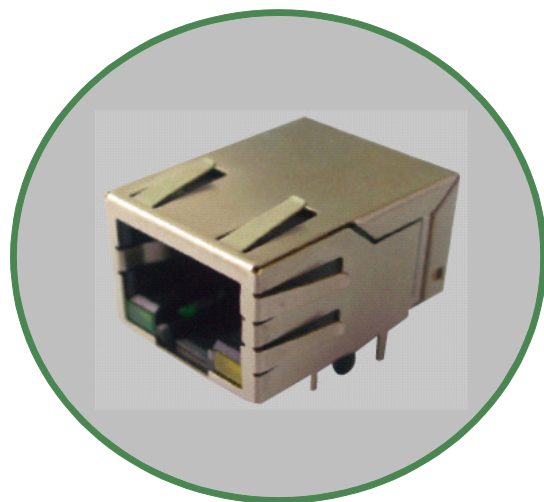
3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test
1MHz-100MHz	1MHz-100MHz	1MHz-40MHz	60MHz-80MHz	1MHz-100MHz	1500VAC or 2250VDC
-30dB (Min)	-1dB (Max)	-16dB (Min)	-10dB (Min)	-30dB (Min)	(P2,P3):(J1,J2) (P4,P7):(J3,J6) (P5,P6):(J4,J5) (P8,P9):(J7,J8)

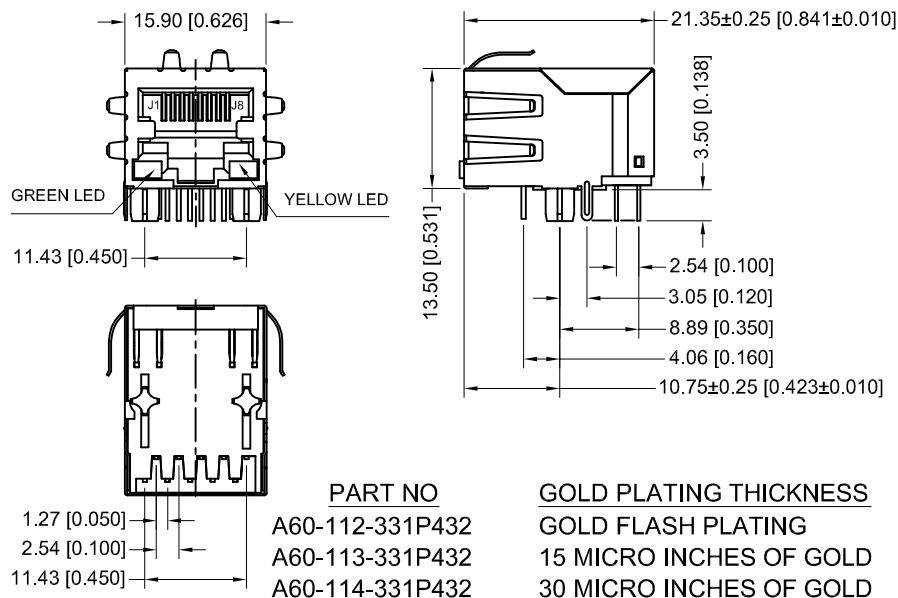
4. PCB LAYOUT (Top View)



1. MECHANICAL DIMENSIONS:



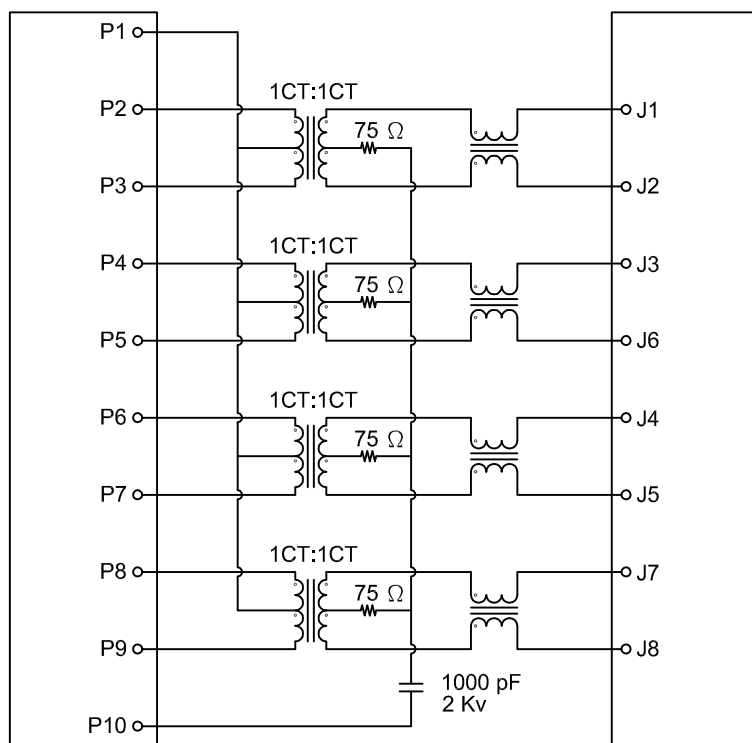
10/100/1000 Mbps, With LED, Latch-Down
10P, 8C, Shielded



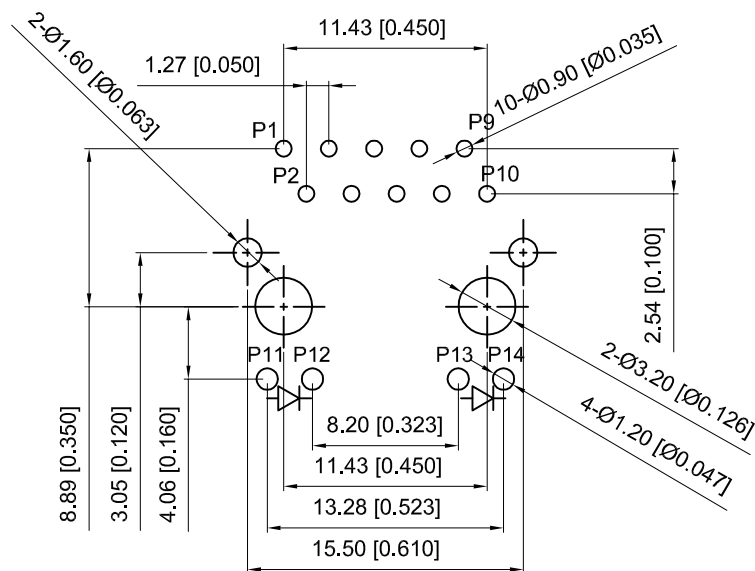
2. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



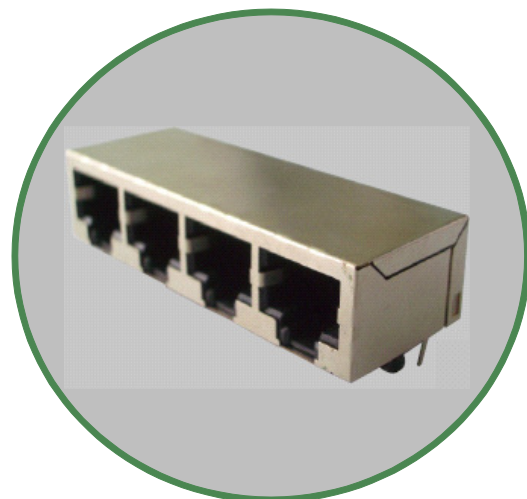
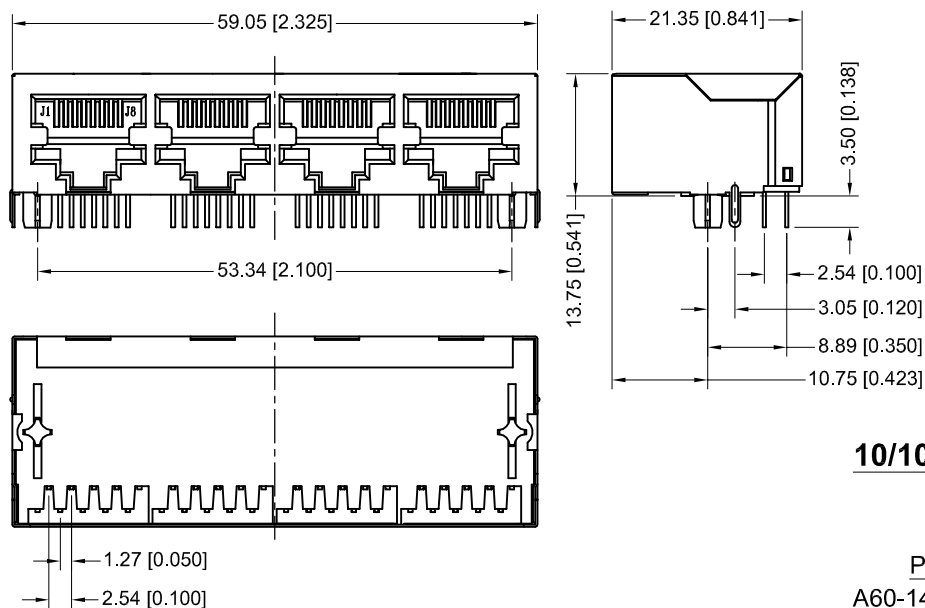
4. PCB LAYOUT (Top View)



3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	1MHz-100MHz	1MHz-40MHz	60MHz-80MHz	1MHz-100MHz	1500VAC or 2250VDC	
-30dB (Min)	-1dB (Max)	-16dB (Max)	-10dB (Max)	-30dB (Min)	(P2,P3):(J1,J2) (P4,P5):(J3,J6)	(P6,P7):(J4,J5) (P8,P9):(J7,J8)

1. MECHANICAL DIMENSIONS:



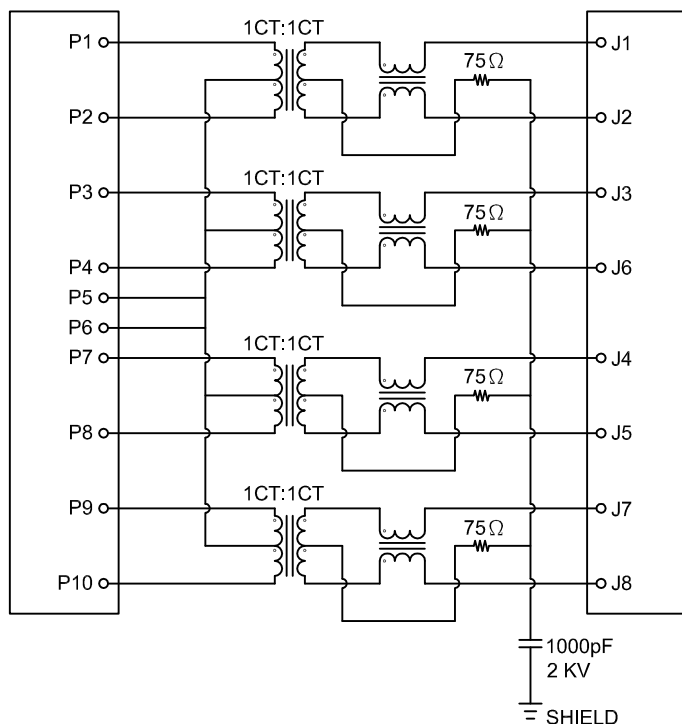
10/100/1000 Mbps, Without LED, 1x4 Port
10P, 8C, Shielded

PART NO	GOLD PLATING THICKNESS
A60-142-300P111	GOLD FLASH PLATING
A60-143-300P111	15 MICRO INCHES OF GOLD
A60-144-300P111	30 MICRO INCHES OF GOLD

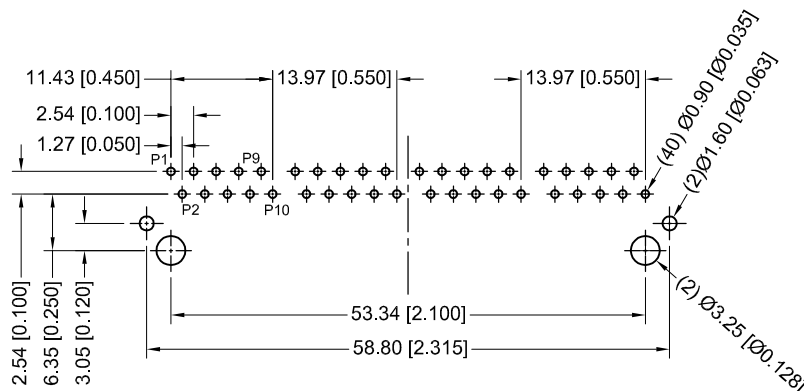
2. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE

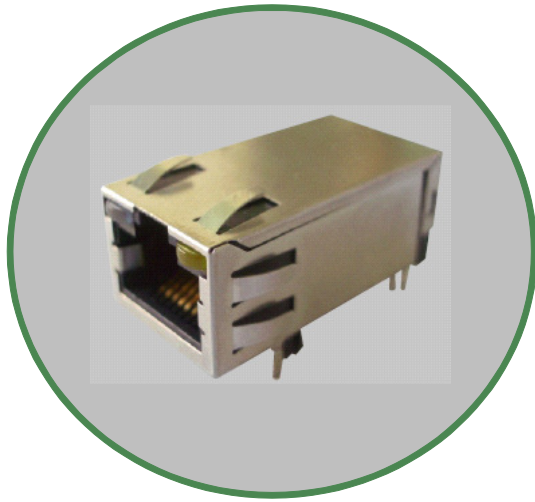


4. PCB LAYOUT (Top View)

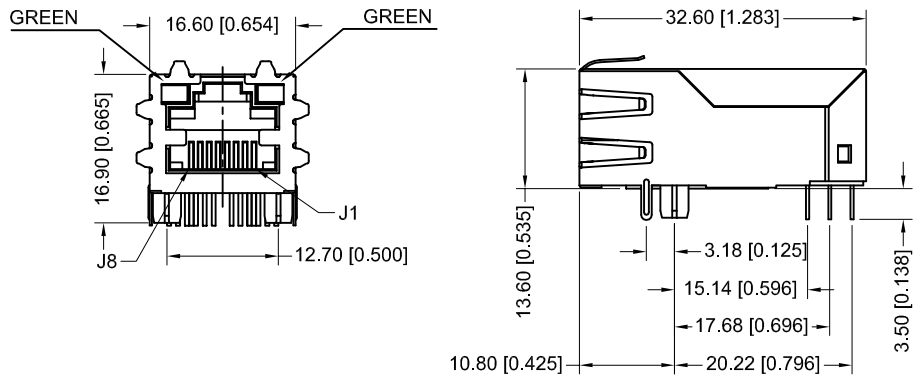


3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss	CMRR	Hi-Pot Test
1MHz-100MHz	1MHz-100MHz	1MHz-40MHz	1MHz-100MHz	1500VAC or 2250VDC
-30dB (Max)	-1dB (Max)	-16dB (Max)	-10dB (Max)	-30dB (Min)
				(P1,P2):(J1,J2) (P3,P4):(J3,J6) (P7,P8):(J4,J5) (P9,P10):(J7,J8)



1. MECHANICAL DIMENSIONS:

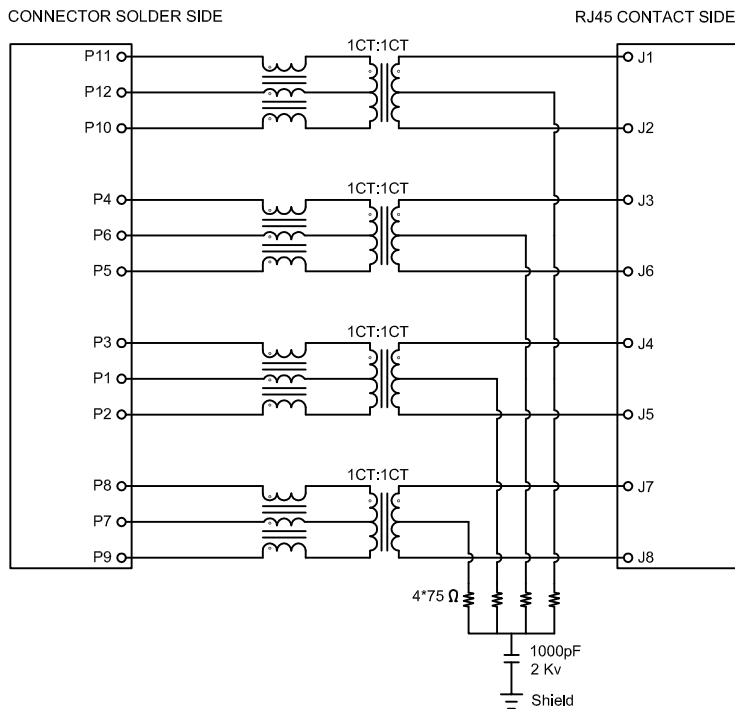


**10/100/1000 Mbps, With LED, Latch-Up,
12P, 8C Shielded**

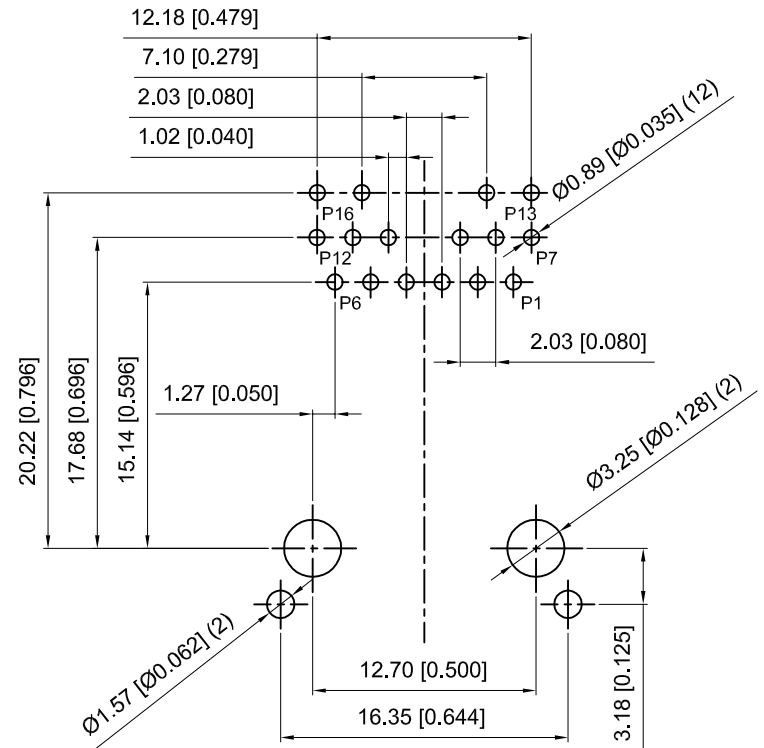
PART NO
A60-112-233P471
A60-113-233P471
A60-114-233P471

GOLD PLATING THICKNESS
GOLD FLASH PLATING
15 MICRO INCHES OF GOLD
30 MICRO INCHES OF GOLD

2. SCHEMATIC:

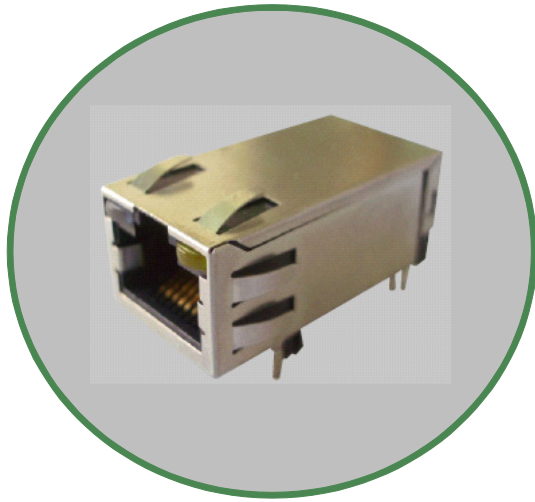


4. PCB LAYOUT (Top View)

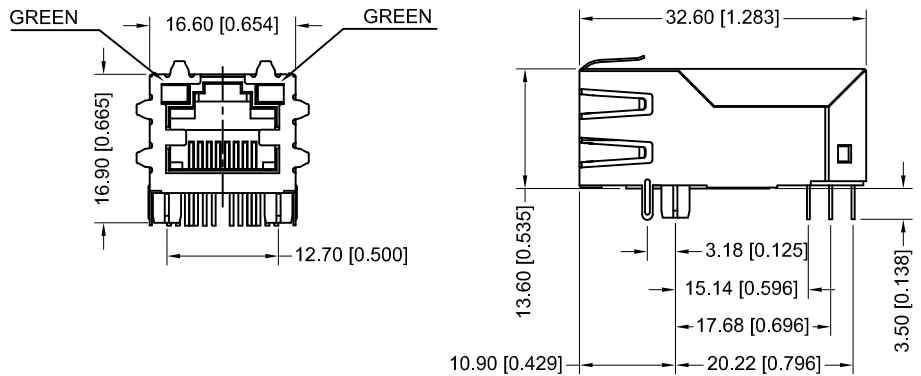


3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Isolation PHY
1MHz-100MHz	1MHz-100MHz	1MHz-40MHz	60MHz-80MHz	1MHz-100MHz	2250 VDC
-30dB (Min)	-1dB (Max)	-16dB (Min)	-10dB (Min)	-30dB (Min)	PHY Side to Line Side



1. MECHANICAL DIMENSIONS:

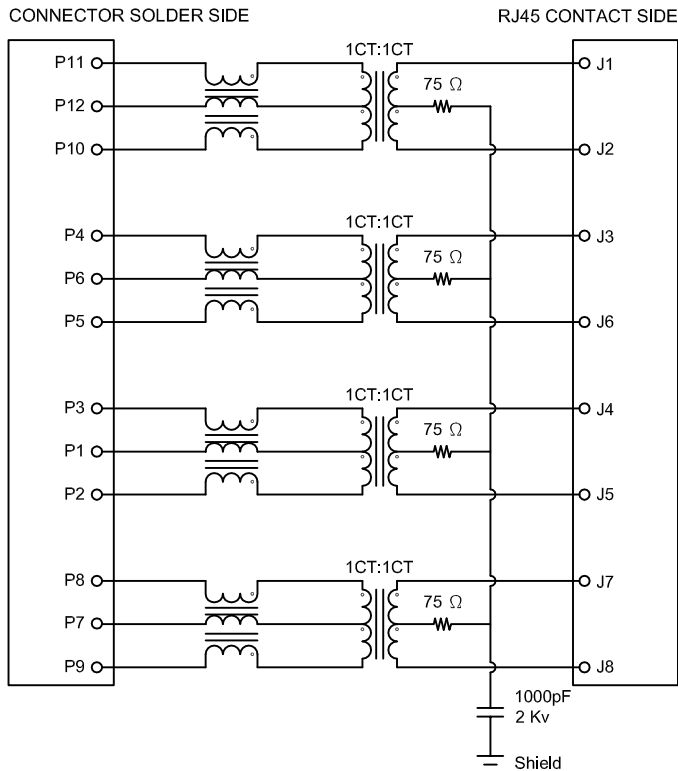


**10/100/1000 Mbps - 12 Core, With LED,
Latch-Up, 12P, 8C Shielded**

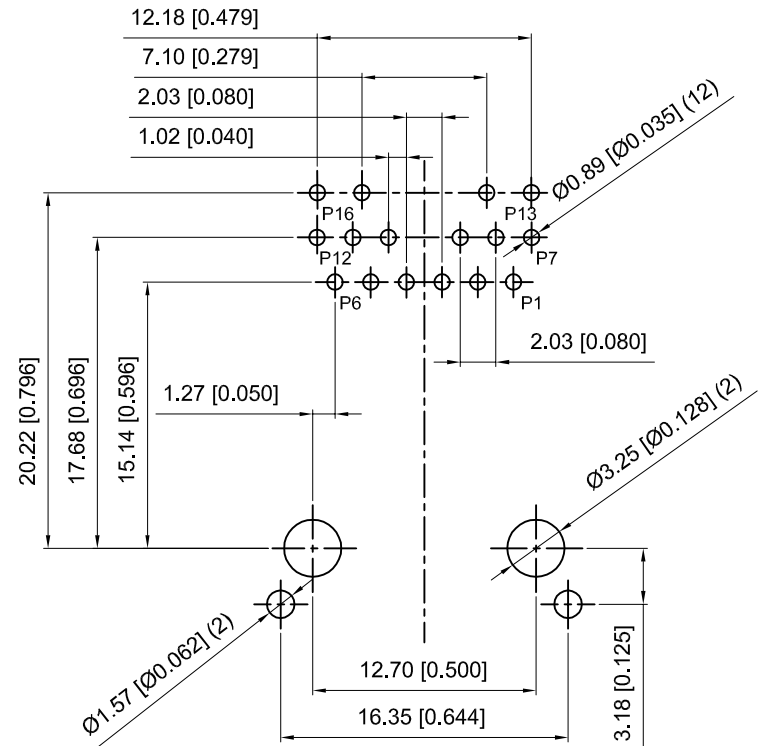
PART NO
A61-112-233P4C3
A61-113-233P4C3
A61-114-233P4C3

GOLD PLATING THICKNESS
GOLD FLASH PLATING
15 MICRO INCHES OF GOLD
30 MICRO INCHES OF GOLD

2. SCHEMATIC:



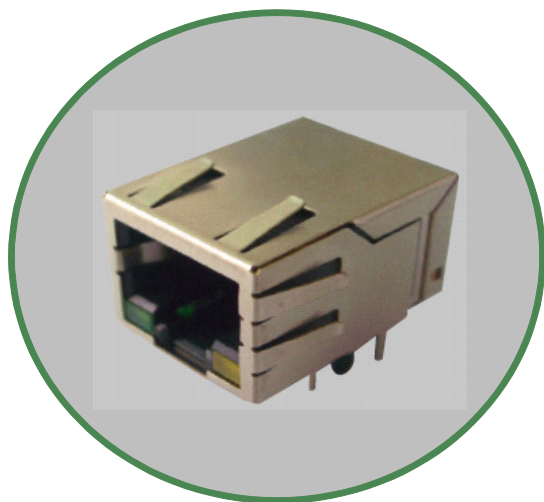
4. PCB LAYOUT (Top View)



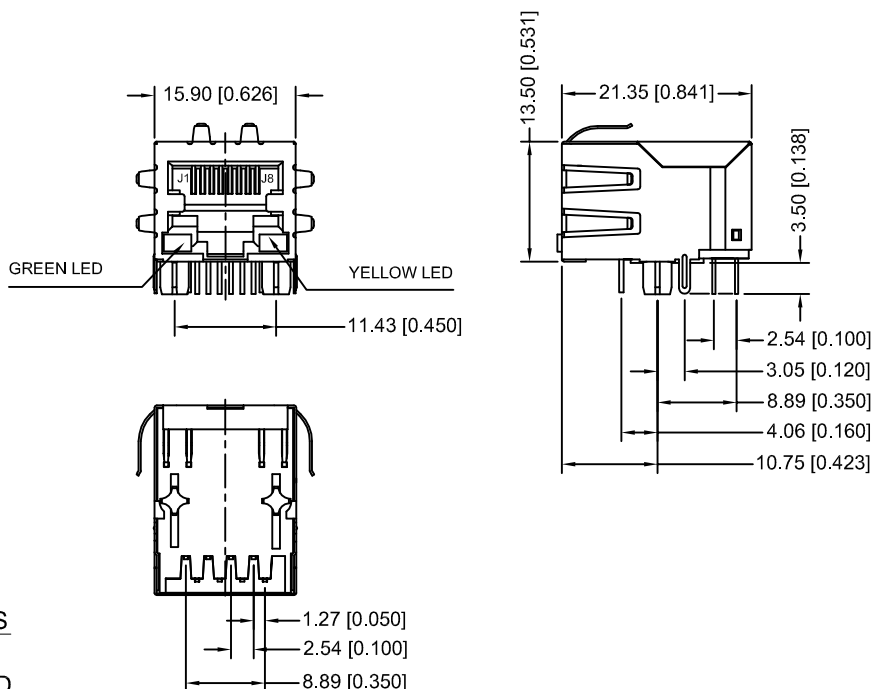
3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	1MHz-100MHz	1MHz-40MHz	60MHz-80MHz	1MHz-100MHz	1500VAC or 2250VDC	
-30dB (Min)	-1dB (Max)	-16dB (Min)	-10dB (Min)	-30dB (Min)	(P11,P10):(J1,J2) (P4,P5):(J3,J6)	(P3,P2):(J4,J5) (P8,P9):(J7,J8)

1. MECHANICAL DIMENSIONS:

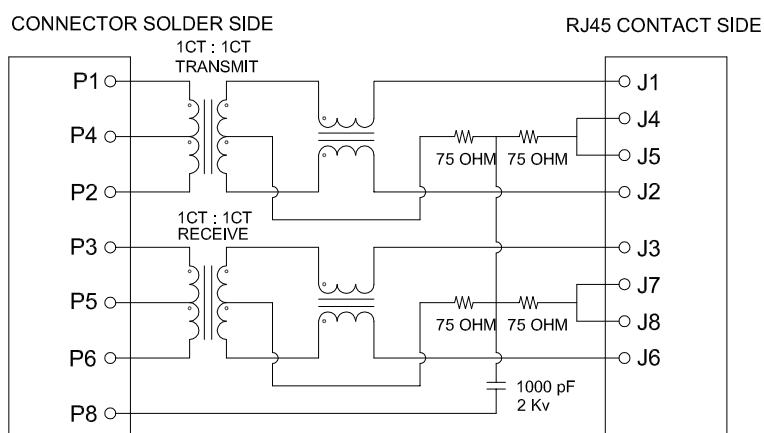


**10/100 Mbps, With LED, Latch-Down
8P, 8C, Shielded**



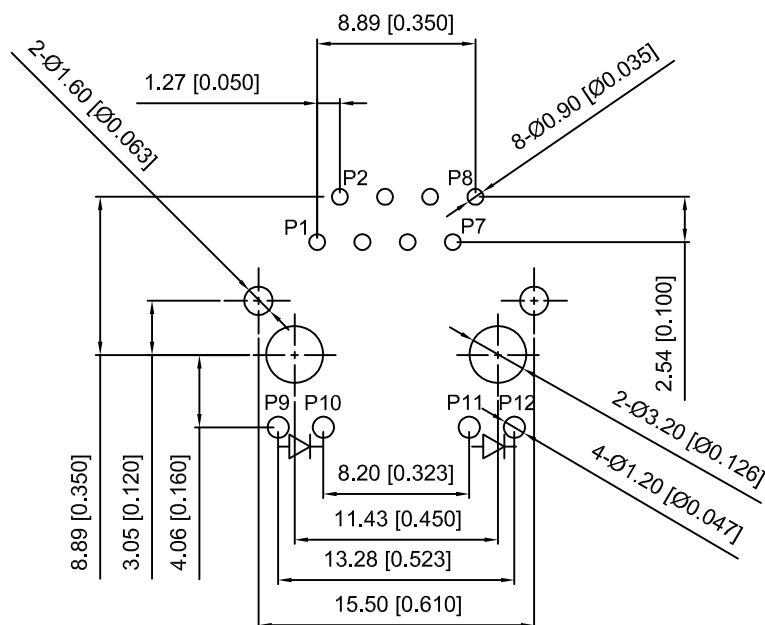
PART NO	GOLD PLATING THICKNESS
A63-112-331P422	GOLD FLASH PLATING
A63-113-331P422	15 MICRO INCHES OF GOLD
A63-114-331P422	30 MICRO INCHES OF GOLD

2. SCHEMATIC:

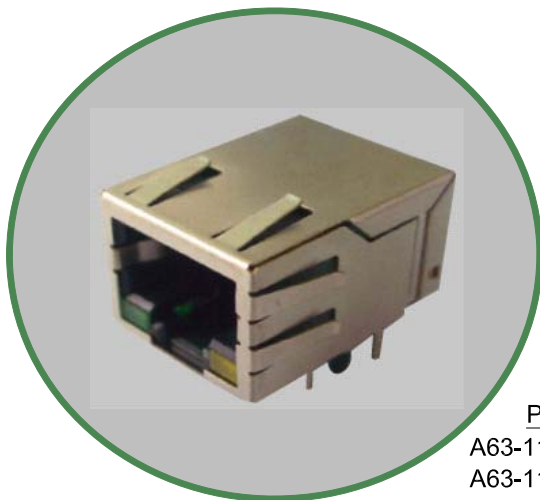


3. ELECTRICAL CHARACTERISTICS:

4. PCB LAYOUT (Top View)

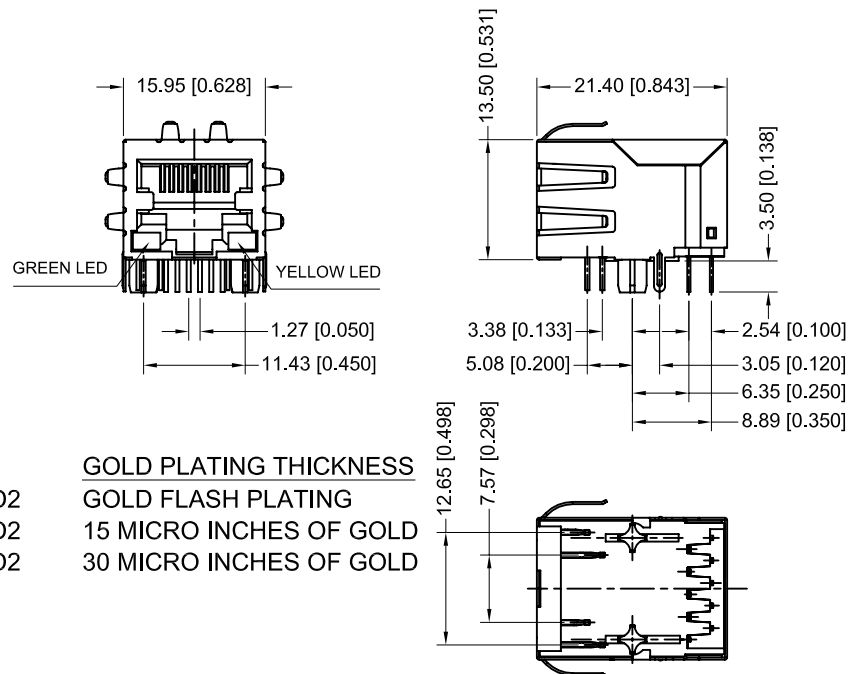


Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	0.1MHz-100MHz	1MHz-30MHz	60MHz-80MHz	30MHz-100MHz	1500VAC or 2250VDC	
-35dB (Typ)	-1.2dB (Max)	-18dB (Min)	-12dB (Min)	-30dB (Typ)	(P1,P2): (J1,J2)	(P3,P6): (J3,J6)



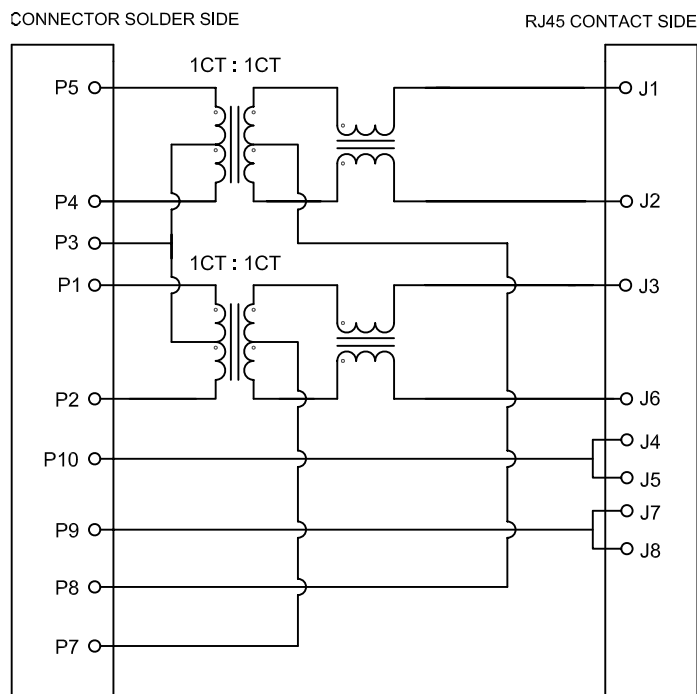
PART NO
A63-112-331P4D2
A63-113-331P4D2
A63-114-331P4D2

10/100 Mbps, With LED, Latch-Down
10P, 8C, Shielded

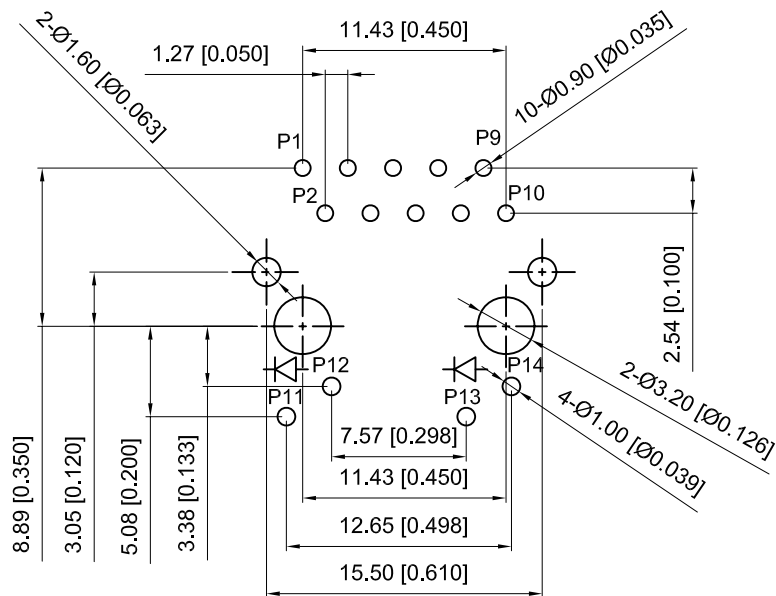


GOLD PLATING THICKNESS
GOLD FLASH PLATING
15 MICRO INCHES OF GOLD
30 MICRO INCHES OF GOLD

2. SCHEMATIC:



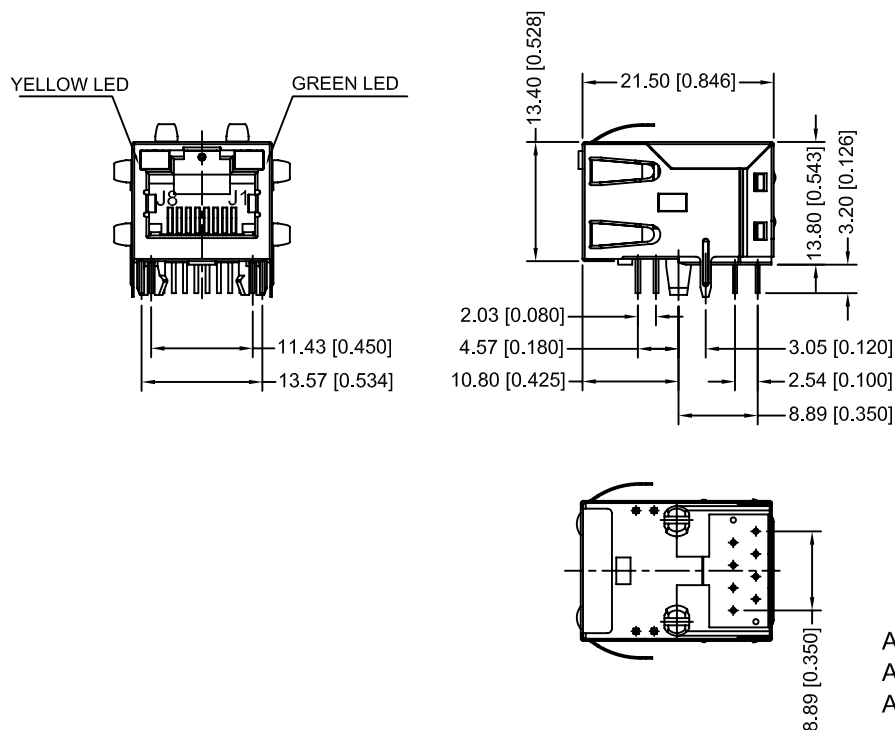
4. PCB LAYOUT (Top View)



3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	0.1MHz-100MHz	1MHz-30MHz	60MHz-80MHz	30MHz-100MHz	1500VAC or 2250VDC	
-35dB (Typ)	-1.2dB (Max)	-18dB (Min)	-12dB (Min)	-30dB (Typ)	(P5,P4): (J1,J2)	(P1,P2): (J3,J6)

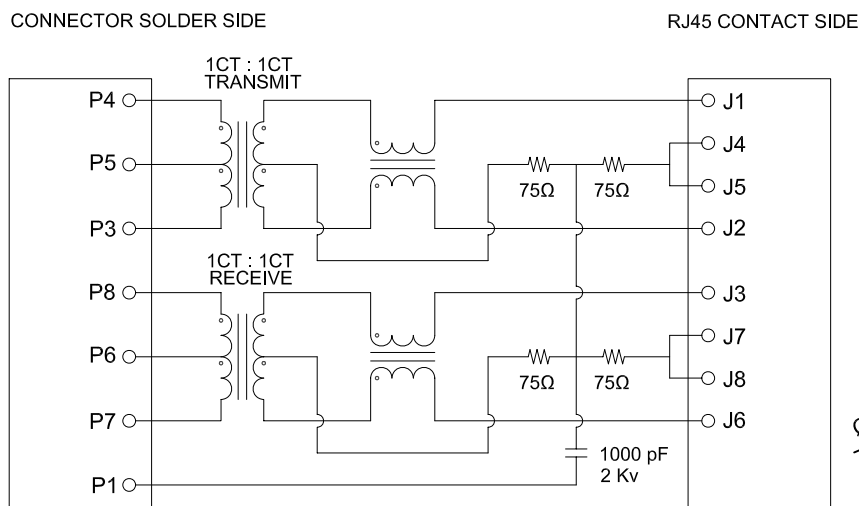
1. MECHANICAL DIMENSIONS:



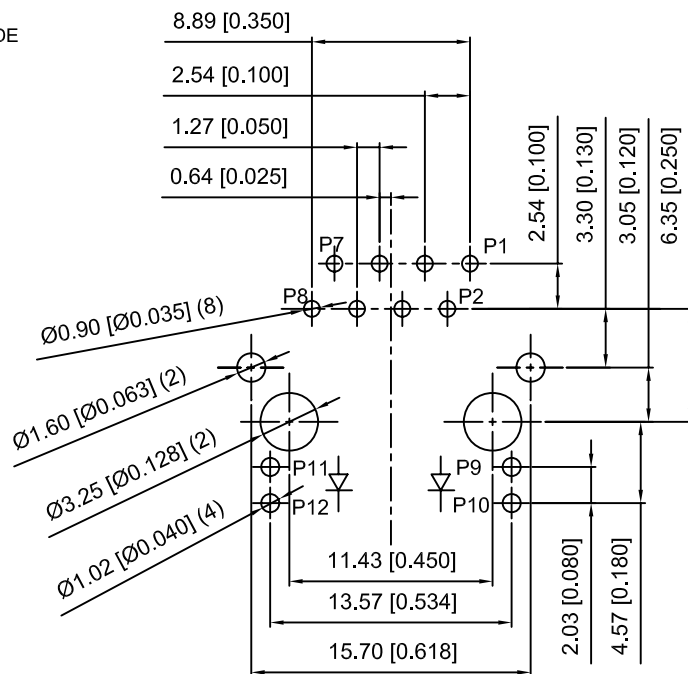
10/100Mbps, With LED, Latch-Up 8P, 8C, Shielded

PART NO	GOLD PLATING THICKNESS
A63-112-213N491	GOLD FLASH PLATING
A63-113-213N491	15 MICRO INCHES OF GOLD
A63-114-213N491	30 MICRO INCHES OF GOLD

2. SCHEMATIC:



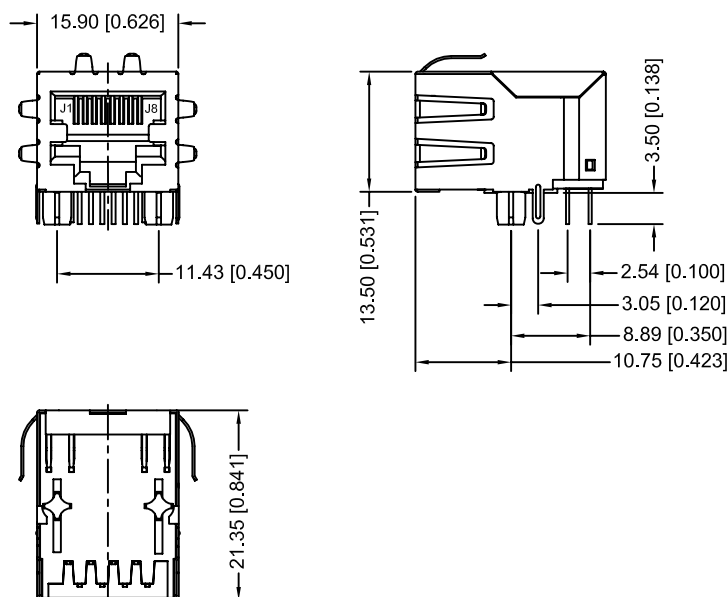
4. PCB LAYOUT (Top View)



3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	0.1MHz-100MHz	1MHz-30MHz	60MHz-80MHz	30MHz-100MHz	1500VAC or 2250VDC	
-35dB (Typ)	-1.2dB (Max)	-18dB (Min)	-12dB (Min)	-30dB (Typ)	(P4,P3): (J1,J2)	(P8,P7): (J3,J6)

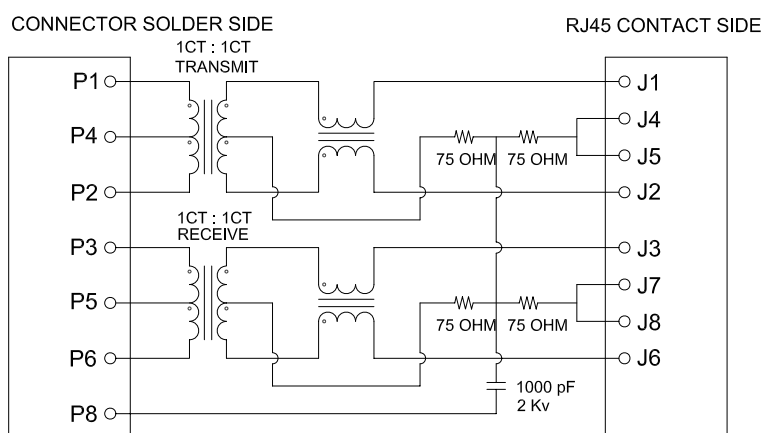
1. MECHANICAL DIMENSIONS:



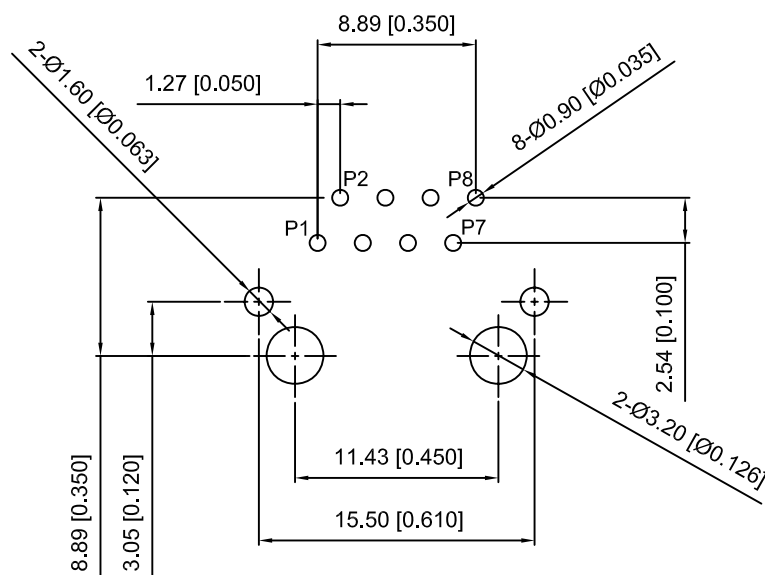
10/100 Mbps, Without LED, Latch-Down 8P, 8C, Shielded

PART NO	GOLD PLATING THICKNESS
A63-112-300P422	GOLD FLASH PLATING
A63-113-300P422	15 MICRO INCHES OF GOLD
A63-114-300P422	30 MICRO INCHES OF GOLD

2. SCHEMATIC:



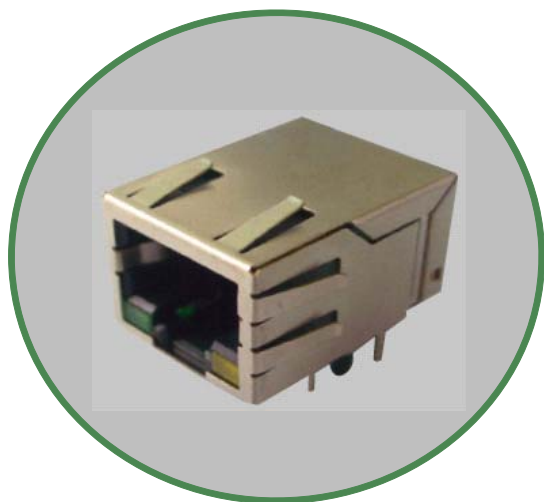
4. PCB LAYOUT (Top View)



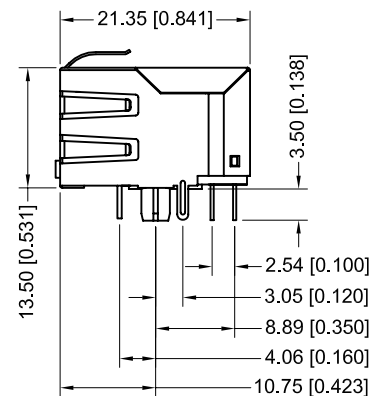
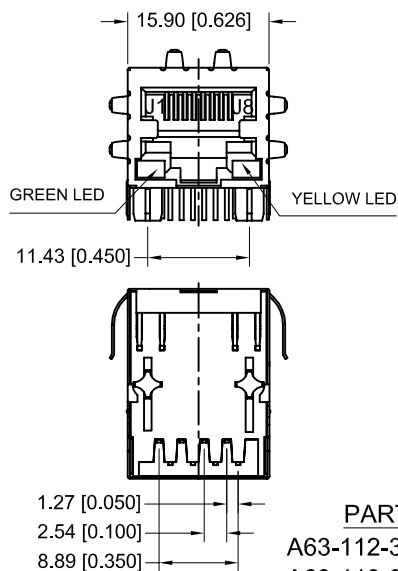
3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss	CMRR	Hi-Pot Test
1MHz-100MHz	0.1MHz-100MHz	1MHz-30MHz	30MHz-100MHz	1500VAC or 2250VDC
-35dB (Typ)	-1.2dB (Max)	-18dB (Min)	-12dB (Min)	-30dB (Typ)
				(P1,P2): (P3,P6): (J1,J2) (J3,J6)

1. MECHANICAL DIMENSIONS:



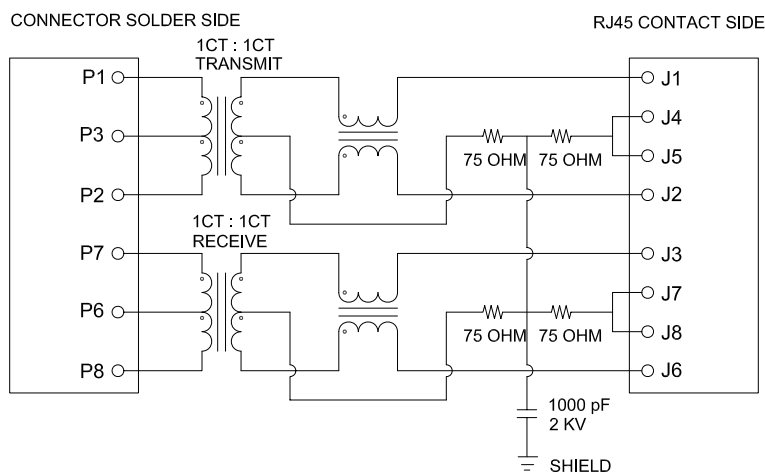
**10/100 Mbps, With LED, Latch-Down
8P, 8C, Shielded**



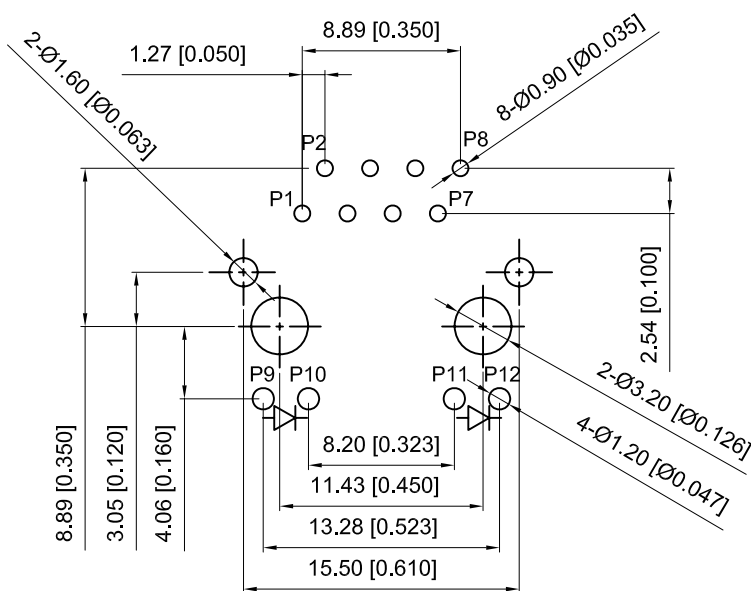
PART NO
A63-112-331P431
A63-113-331P431
A63-114-331P431

GOLD PLATING THICKNESS
GOLD FLASH PLATING
15 MICRO INCHES OF GOLD
30 MICRO INCHES OF GOLD

2. SCHEMATIC:



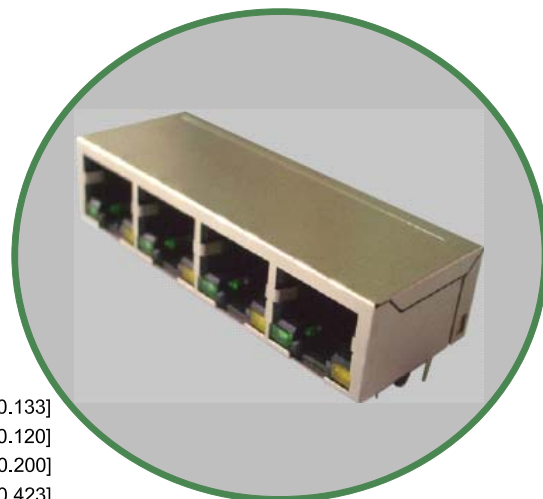
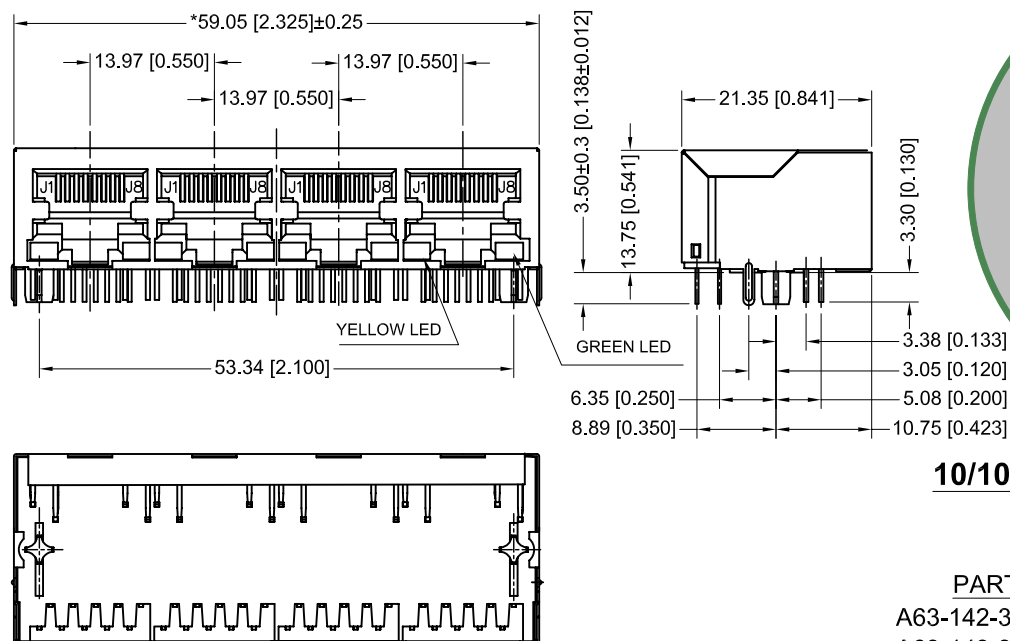
4. PCB LAYOUT (Top View)



3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	0.1MHz-100MHz	1MHz-30MHz	60MHz-80MHz	30MHz-100MHz	1500VAC or 2250VDC	
-35dB (Typ)	-1.2dB (Max)	-18dB (Min)	-12dB (Min)	-30dB (Typ)	(P1,P2): (J1,J2)	(P7,P8): (J3,J6)

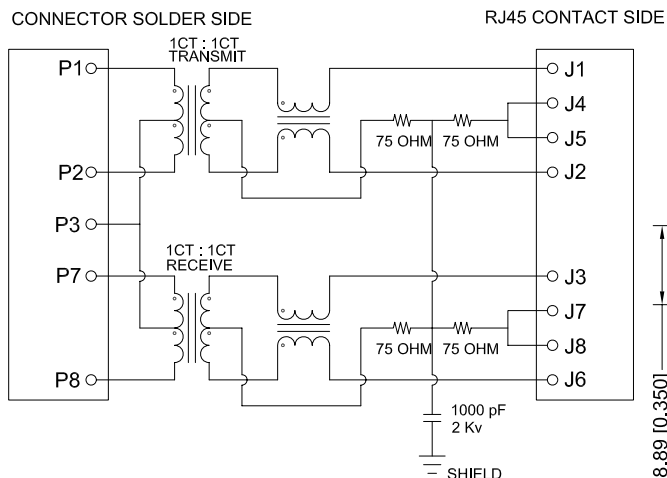
1. MECHANICAL DIMENSIONS:



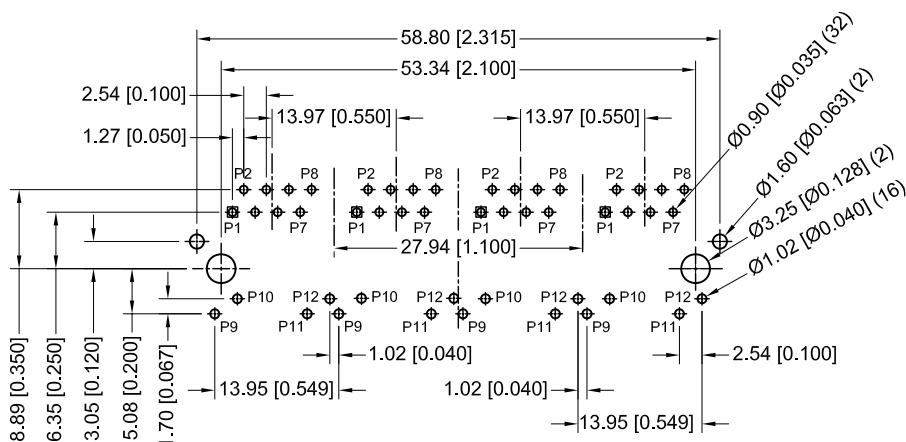
**10/100 Mbps, With LED, Latch-Down
8P, 8C, Shielded**

PART NO	GOLD PLATING THICKNESS
A63-142-313P161	GOLD FLASH PLATING
A63-143-313P161	MICRO INCHES OF GOLD
A63-144-313P161	30 MICRO INCHES OF GOLD

2. SCHEMATIC:



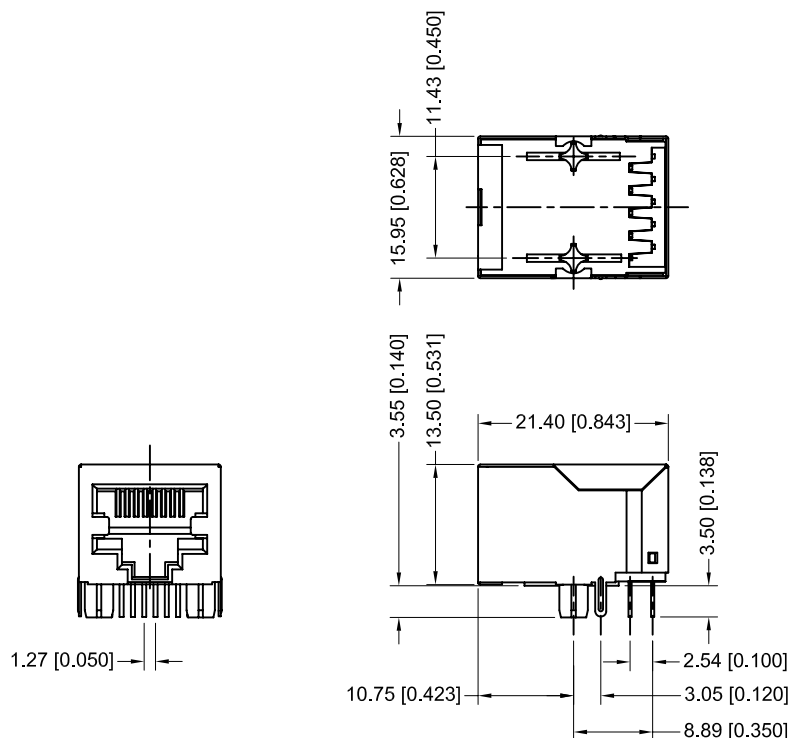
4. PCB LAYOUT (Top View)



3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	0.1MHz-100MHz	1MHz-30MHz	60MHz-80MHz	30MHz-100MHz	1500VAC or 2250VDC	
-35dB (Typ)	-1.2dB (Max)	-18dB (Min)	-12dB (Min)	-30dB (Typ)	(P1,P2): (J1,J2)	(P7,P8): (J3,J6)

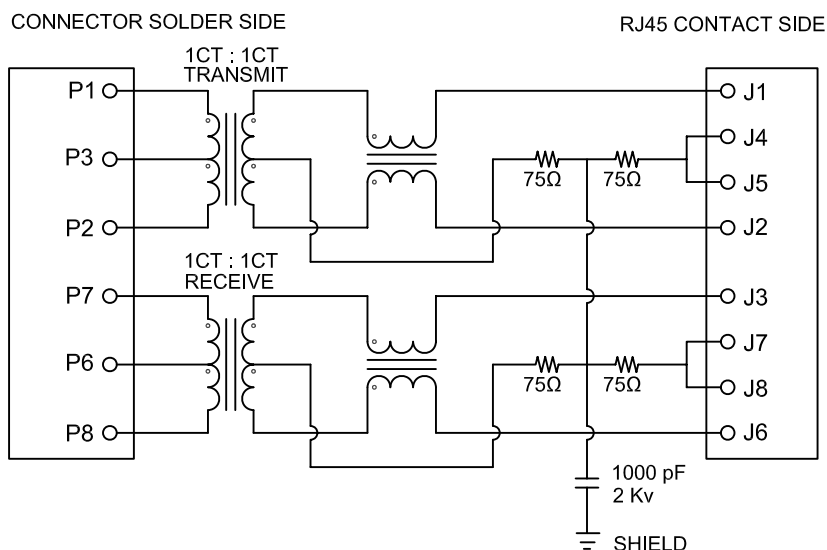
1. MECHANICAL DIMENSIONS:



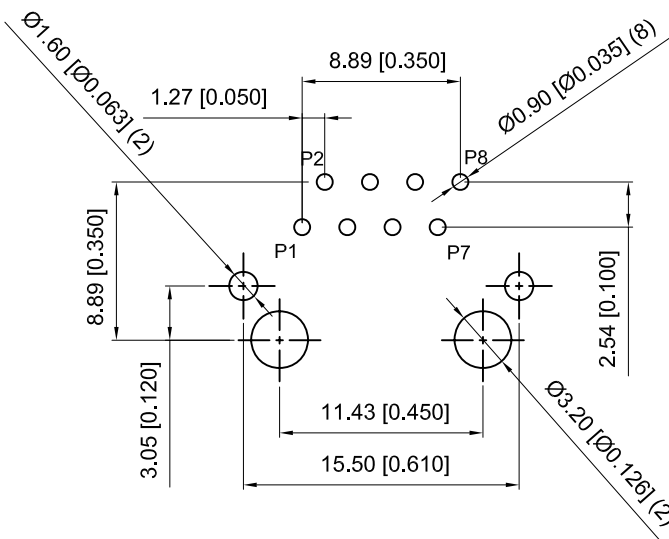
10/100 Mbps, Without LED, Latch-Down 8P, 8C, Shielded

PART NO	GOLD PLATING THICKNESS
A63-112-300P131	GOLD FLASH PLATING
A63-113-300P131	15 MICRO INCHES OF GOLD
A63-114-300P131	30 MICRO INCHES OF GOLD

2. SCHEMATIC:

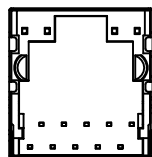
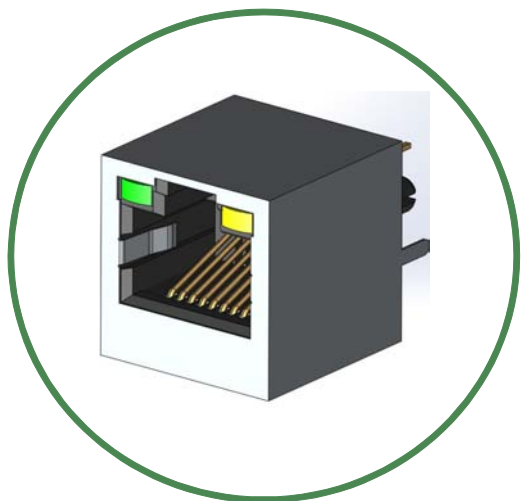


4. PCB LAYOUT (Top View)

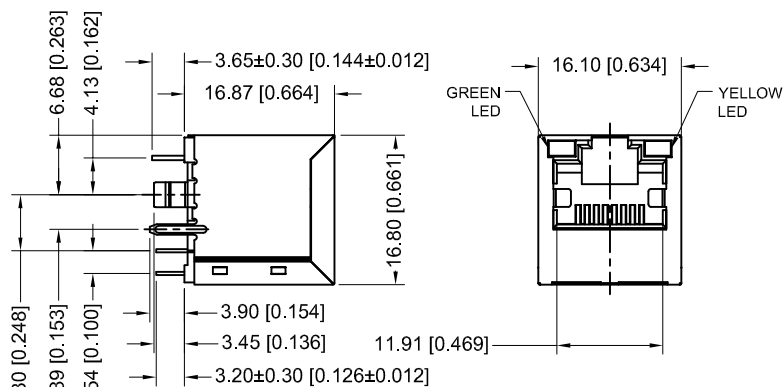


3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	0.1MHz-100MHz	1MHz-30MHz	60MHz-80MHz	30MHz-100MHz	1500VAC or 2250VDC	
-35dB (Typ)	-1.2dB (Max)	-18dB (Min)	-12dB (Min)	-30dB (Typ)	(P1,P2): (J1,J2)	(P7,P8): (J3,J6)



1. MECHANICAL DIMENSIONS:



PART NO

A63-112-431P112

A63-113-431P112

A63-114-431P112

GOLD PLATING THICKNESS

GOLD FLASH PLATING

15 MICRO INCHES OF GOLD

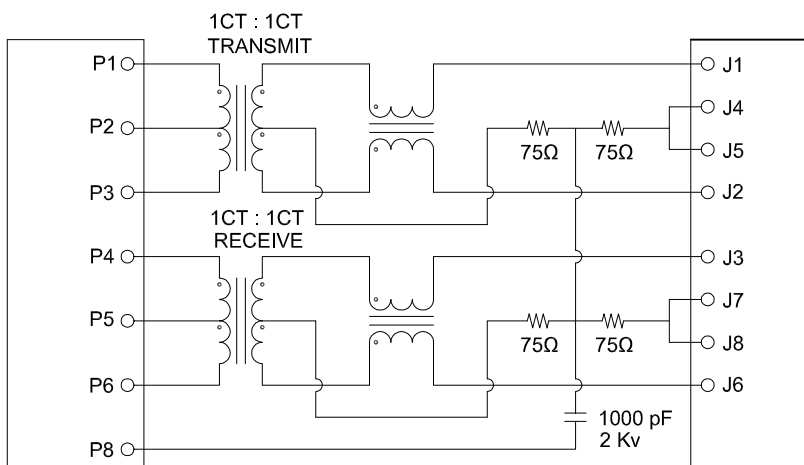
30 MICRO INCHES OF GOLD

10/100 Mbps, With LED, Vertical, Latch-Up
8P, 8C, Shielded

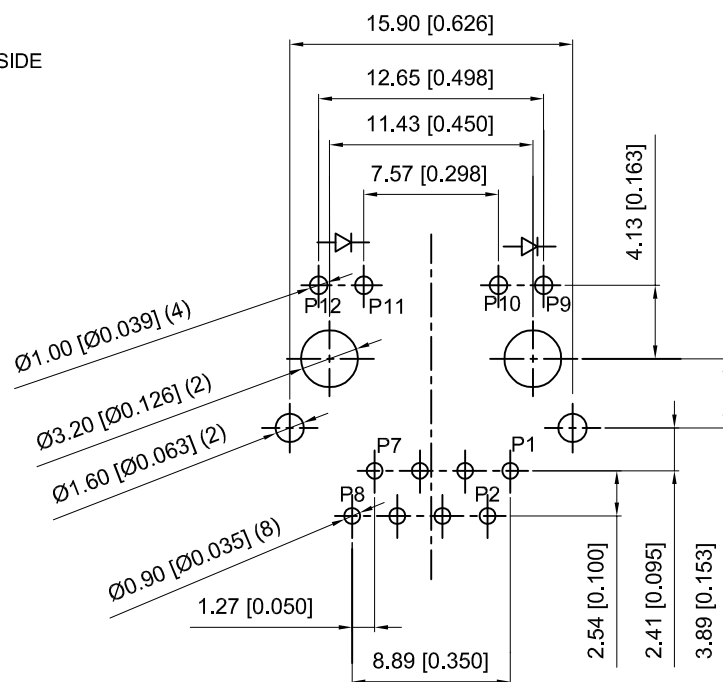
2. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE

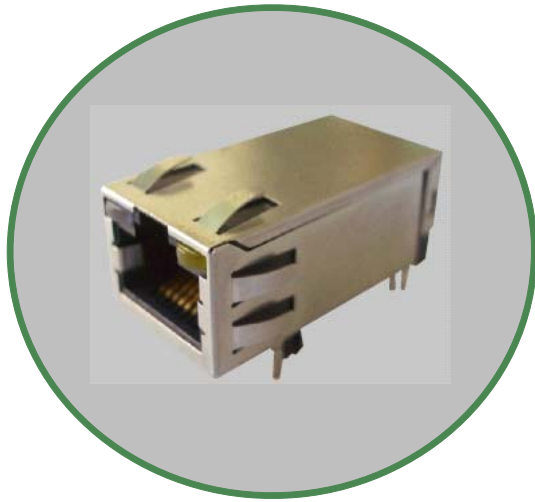


4. PCB LAYOUT (Top View)



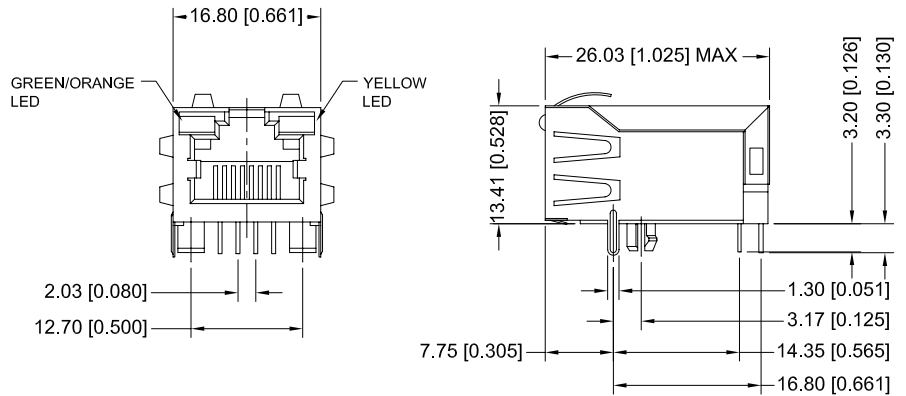
3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	0.1MHz-80MHz	1MHz-30MHz	30MHz-80MHz	30MHz-100MHz	1500VAC	
-35dB (Typ)	-1.2dB (Max)	-18dB (Min)	-12dB (Min)	-30dB (Typ)	(P1,P3): (J1,J2)	(P4,P6): (J3,J6)



10/100 Mbps- 5 Core, With LED
Latch-Up, 6P, 8C, Shielded

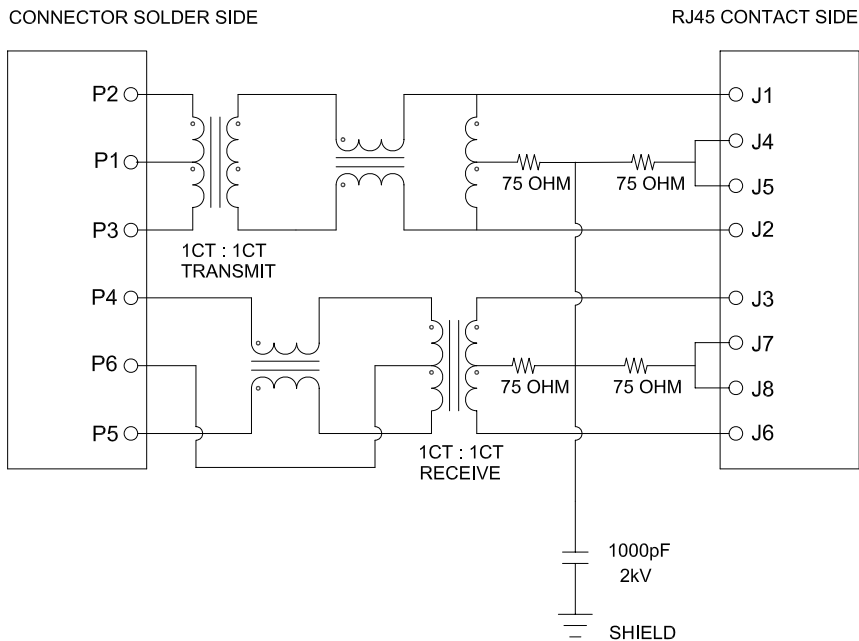
1. MECHANICAL DIMENSIONS:



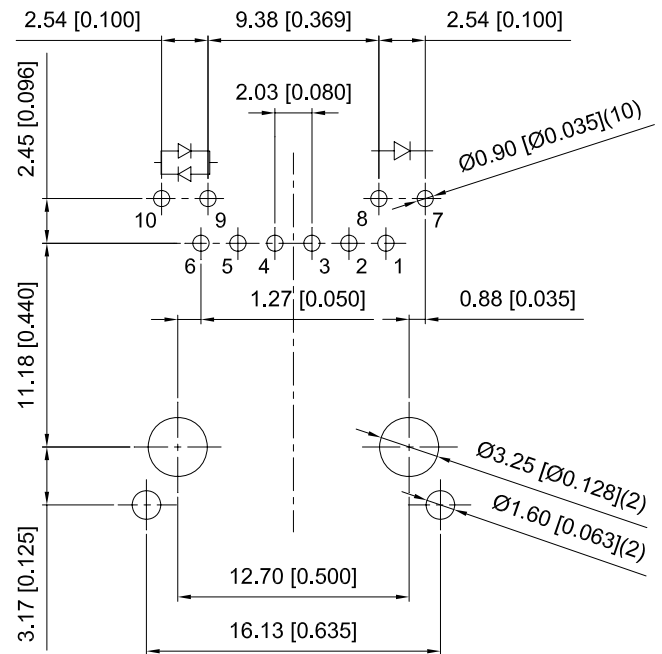
PART NO
A64-112-271P521
A64-113-271P521
A64-114-271P521

GOLD PLATING THICKNESS
GOLD FLASH PLATING
MICRO INCHES OF GOLD
30 MICRO INCHES OF GOLD

2. SCHEMATIC:



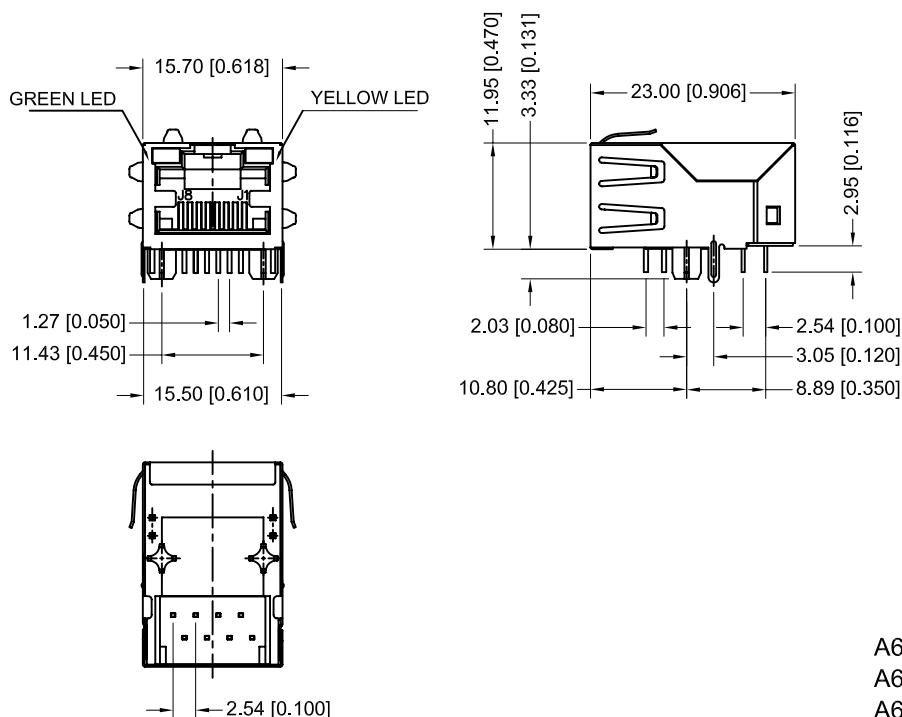
4. PCB LAYOUT (Top View)



3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	1MHz-100MHz	1MHz-30MHz	60MHz-80MHz	1MHz-100MHz	1500VAC (2sec)	
-35dB (Typ)	-1.2dB (Max)	-18dB (Min)	-12dB (Min)	-30dB (Min)	(P2,P3): (J1,J2)	(P4,P5): (J3,J6)

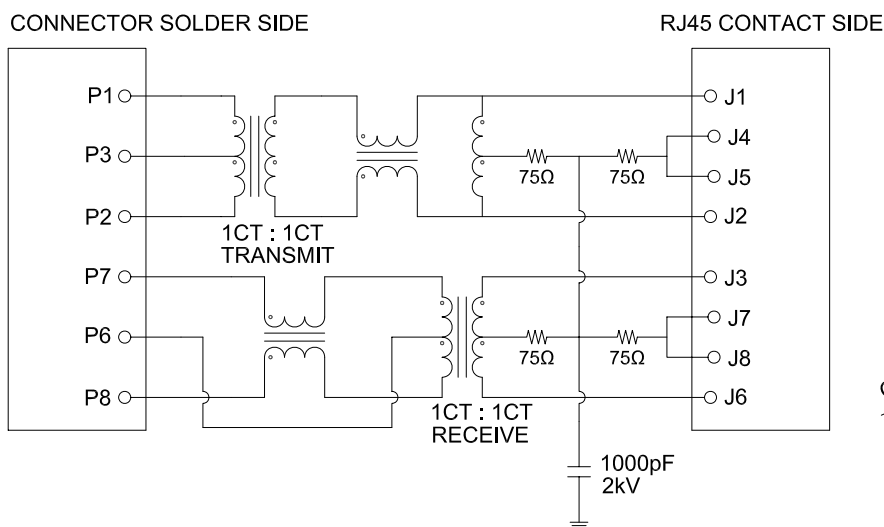
1. MECHANICAL DIMENSIONS:



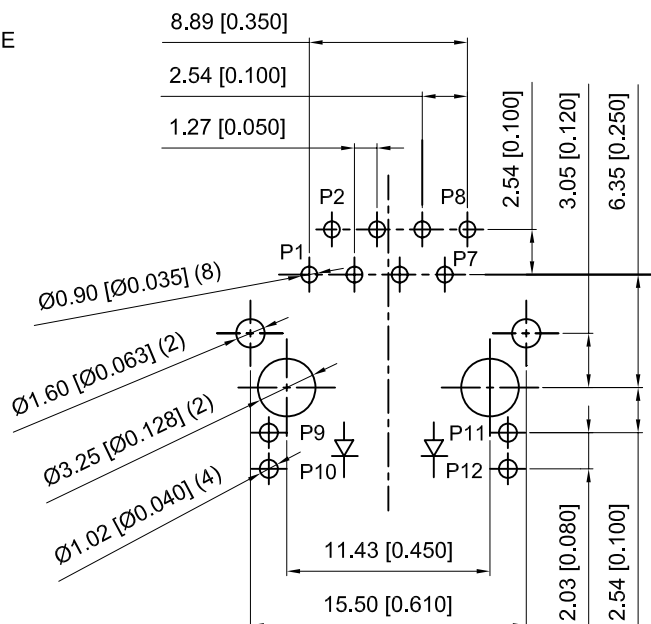
**10/100 Mbps- 5 Core, With LED
Latch-Up, 8P, 8C, Shielded**

PART NO	GOLD PLATING THICKNESS
A64-112-231N411	GOLD FLASH PLATING
A64-113-231N411	15 MICRO INCHES OF GOLD
A64-114-231N411	30 MICRO INCHES OF GOLD

2. SCHEMATIC:



4. PCB LAYOUT (Top View)



3. ELECTRICAL CHARACTERISTICS:

Cross Talk	Insertion Loss	Return Loss		CMRR	Hi-Pot Test	
1MHz-100MHz	0.1MHz-80MHz	1MHz-30MHz	30MHz-80MHz	30MHz-100MHz	1500VAC or 2250VDC	
-35dB (Typ)	-1.1dB (Max)	-18dB (Min)	-12dB (Min)	-30dB (Typ)	(P1,P2): (J1,J2)	(P7,P8): (J3,J6)

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