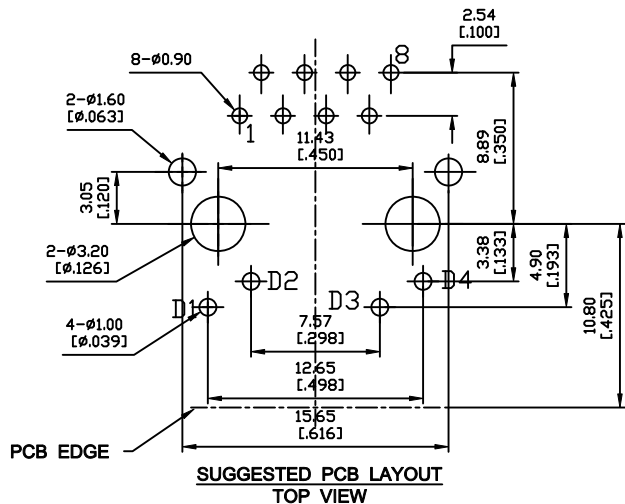
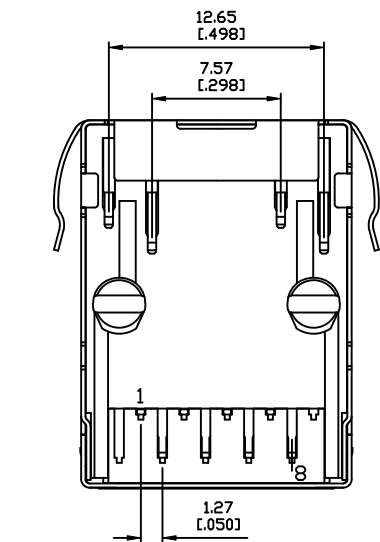
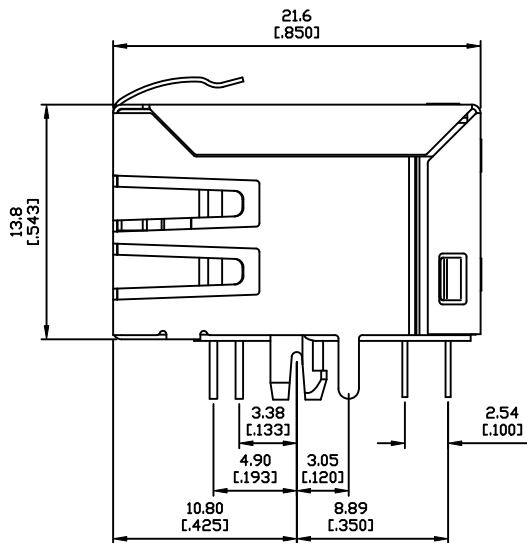
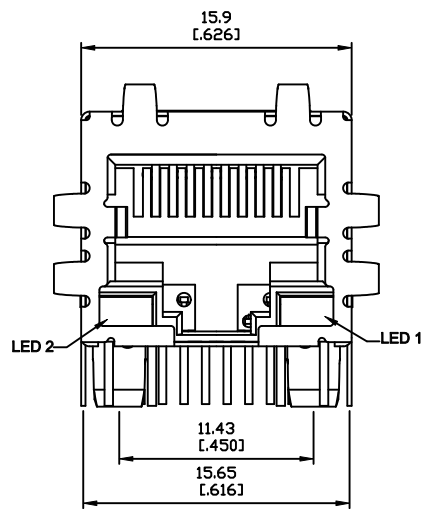
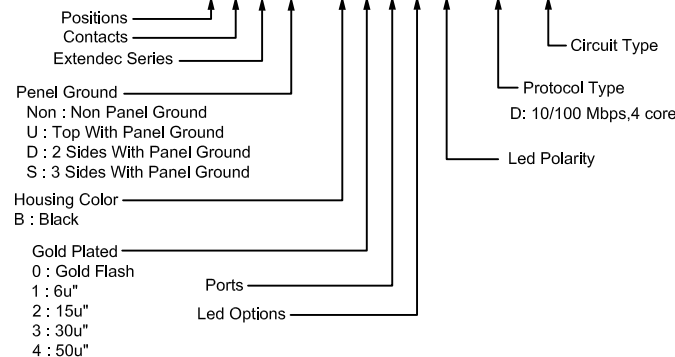


1. MECHANICAL DIMENSIONS:



- Material:**
- 1.Housing: Thermoplastic UL 94V-0
 - 2.Contact : Selective Gold Plating
 - 3.Terminal: 0.35mm Thickness Phosphor Bronze Plated With Gold And Tin In Solder Area.
 - 4.Shielded: Brass ,Nickel Plating
 - 5.Operating Temperature Range : 0°C~70°C

PART NO : GE88AS-B*1 -D****



LED Color Options Table

| LED Color Options | | LED DASH OPTION |
|-------------------|---------------|-----------------|
| LED 2 (Left) | LED 1 (Right) | |
| No LED | No LED | 0 |
| Yellow | Green | 1 |
| No LED | Green | 2 |
| Yellow | No LED | 3 |
| Green | Yellow | 4 |
| Green | Green | 5 |
| Yellow | Yellow | 6 |
| Orange/Green | Orange/Green | 7 |
| Yellow/Green | Yellow/Green | 8 |
| Orange/Green | Yellow | 9 |

LED Polarity Table

(Applicable only for single-colored LED)

| 單位 | LED 2 (Left) | LED 1 (Right) |
|----|--------------|---------------|
| 0 | | |
| 1 | | |
| 2 | | |
| 3 | | |

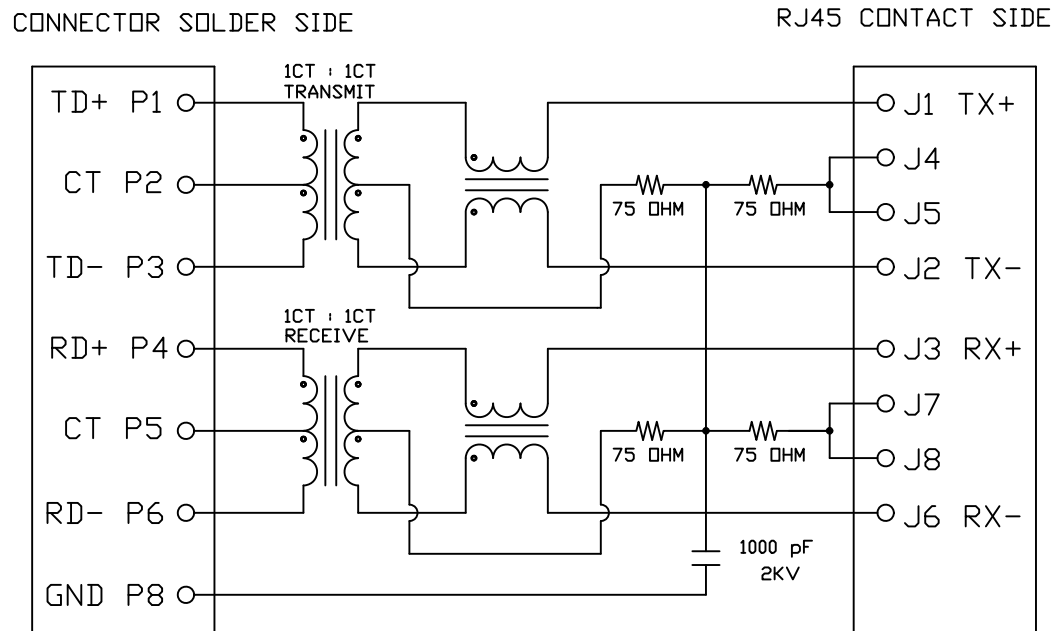
TACLEX TACLEX ELECTRONICS CO., LTD.

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|---|--|------------|------------|-------------------------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED LINEAR: ±0.30 ANGULAR: ±3° | | SIGNATURES | DATE | TITLE |
| REVISIONS | | Eric | 2005.01.11 | RJ45 JACK +TSFM 10/100M |
| A | | Alex | 2005.01.11 | NO. |
| SCALE 5/1 | | Rex | 2005.01.11 | GE88AS-Bx1xx-Dxx |

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| SYM | DISCIPTION | DATE | APPROVED |
| 1 | | | |
| 2 | | | |
| 3 | | | |

Circuit Type:D12

1. SCHEMATIC:



2. ELECTRICAL CHARACTERISTICS :

Test Notes:(25±5°C)

1.TR:(100KHz,0.1V):

Pins:(P1-P3):(J1-J2)=1:1±3%

Pins:(P4-P6):(J3-J6)=1:1±3%

2.LX:(100KHz,100mV,8mA, DC Bias)

Pins:(P1-P3),(P4-P6)=350uH Minimum

3.DCR:

Pins:(J1-J2),(J3-J6)=1.2 Ω Maximum

4.HIPOT:

Pins:(P1,P3)To(J1,J2)=1500VAC For 60s or 2250VDC 60s

Pins:(P4,P6)To(J3,J6)=1500VAC For 60s or 2250VDC 60s

5.INSERTION LOSS:

-1.0dB Maximum At 0.3MHZ To 100MHZ

6.RETURN LOSS:

-18dB Minimum At 1MHz To 30MHz,load 100 Ω ;

-16dB Minimum At 30MHz To 60MHz,load 100 Ω ;

-12dB Minimum At 60MHz To 80MHz,load 100 Ω .

7.CROSS TALK:

-30dB Minimum At 1MHz To 100MHz

8.COMMON TO COMMON MODE REJECTION:

-30dB Minimum At 1MHz To 100MHz

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| SYM | DISCRIPTION | DATE | APPROVED |



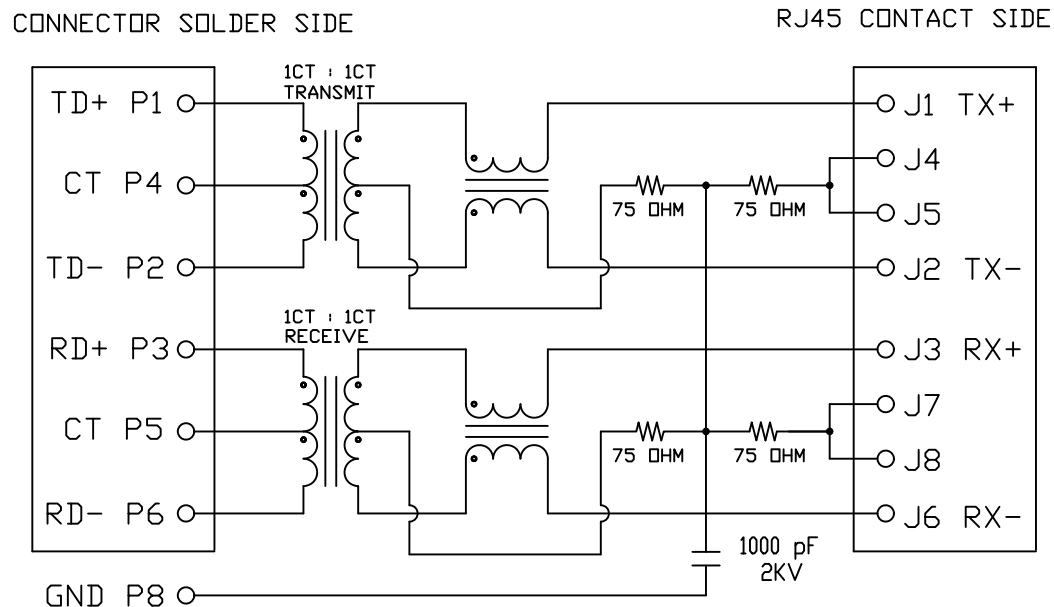
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|--|---|------------|-------|------------|------------------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED LINEAR:±0.30 ANGULAR: ±3° | | SIGNATURES | | DATE | TITLE |
| | | DRAWN | David | 2009.03.16 | Transformer Type |
| | | CHK'D | Nick | 2009.03.16 | NO. |
| | | APPV'D | Rex | 2009.03.16 | D12 |
| REVISIONS | A | SCALE | 5/1 | | |

Circuit Type:D22

1. SCHEMATIC:



2. ELECTRICAL CHARACTERISTICS :

Test Notes:(25±5°C)

1.TR:(100KHz,0.1V):

Pins:(P1-P2):(J1-J2)=1:1±3%

Pins:(P3-P6):(J3-J6)=1:1±3%

2.LX:(100KHz,100mV,8mA, DC Bias)

Pins:(P1-P2),(P3-P6)=350uH Minimum

3.DCR:

Pins:(J1-J2),(J3-J6)=1.2 Ω Maximum

4.HIPOT:

Pins:(P1,P2)To(J1,J2)=1500VAC For 60s or 2250VDC 60s

Pins:(P3,P6)To(J3,J6)=1500VAC For 60s or 2250VDC 60s

5.INSERTION LOSS:

-1.0dB Maximum At 0.3MHZ To 100MHZ

6.RETURN LOSS:

-18dB Minimum At 1MHz To 30MHz,load 100 Ω ;

-16dB Minimum At 30MHz To 60MHz,load 100 Ω ;

-12dB Minimum At 60MHz To 80MHz,load 100 Ω .

7.CROSS TALK:

-30dB Minimum At 1MHz To 100MHz

8.COMMON TO COMMON MODE REJECTION:

-30dB Minimum At 1MHz To 100MHz

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| SYM | DISCRIPTION | DATE | APPROVED |



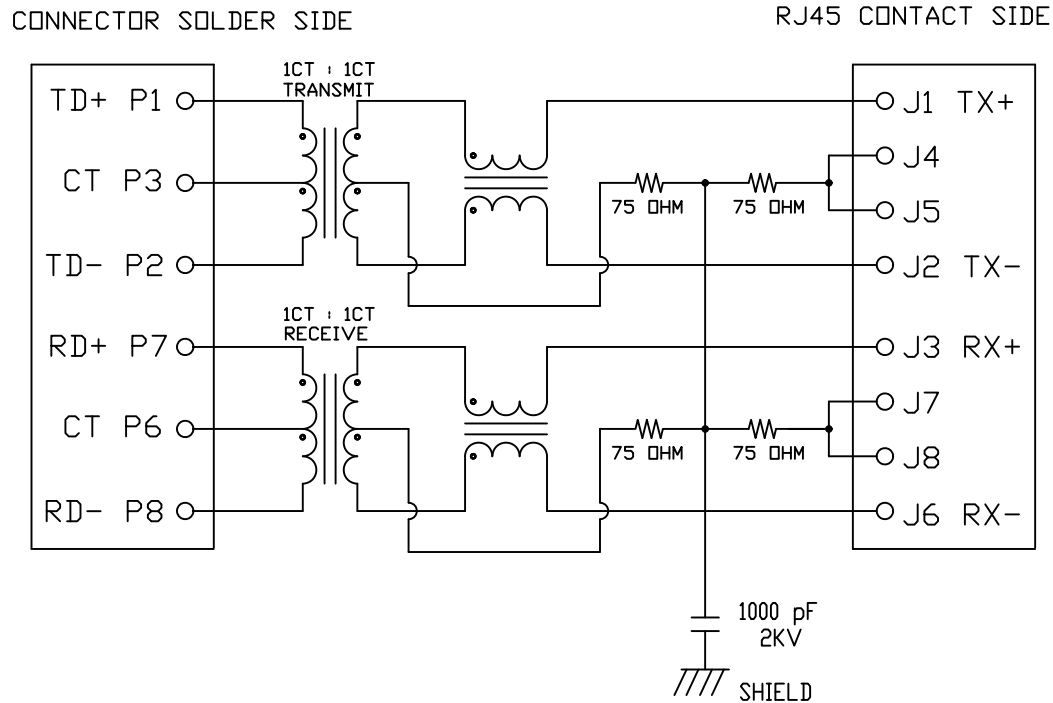
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|---|--------------|---------------|------------|------------------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED LINEAR: ±0.30 ANGULAR: ±3° | SIGNATURES | | DATE | TITLE |
| | DRAWN | David | 2009.03.16 | Transformer Type |
| | CHK'D | Nick | 2009.03.16 | NO. |
| REVISIONS A | SCALE 5/1 | APPV'D Rex | 2009.03.16 | D22 |

Circuit Type:D31

1. SCHEMATIC:



2. ELECTRICAL CHARACTERISTICS :

Test Notes:(25±5°C)

1.TR:(100KHz,0.1V):

Pins:(P1-P2):(J1-J2)=1:1±3%

Pins:(P7-P8):(J3-J6)=1:1±3%

2.LX:(100KHz,100mV,8mA, DC Bias)

Pins:(P1-P2),(P7-P8)=350uH Minimum

3.DCR:

Pins:(J1-J2),(J3-J6)=1.2 Ω Maximum

4.HIPOT:

Pins:(P1,P2) To (J1,J2)=1500VAC For 60s or 2250VDC 60s

Pins:(P7,P8) To (J3,J6)=1500VAC For 60s or 2250VDC 60s

5.INSERTION LOSS:

-1.0dB Maximum At 0.3MHZ To 100MHZ

6.RETURN LOSS:

-18dB Minimum At 1MHz To 30MHz,load 100 Ω ;

-16dB Minimum At 30MHz To 60MHz,load 100 Ω ;

-12dB Minimum At 60MHz To 80MHz,load 100 Ω .

7.CROSS TALK:

-30dB Minimum At 1MHz To 100MHz

8.COMMON TO COMMON MODE REJECTION:

-30dB Minimum At 1MHz To 100MHz

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| SYM | DISCRIPTION | DATE | APPROVED |
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| 2 | | | |
| 3 | | | |



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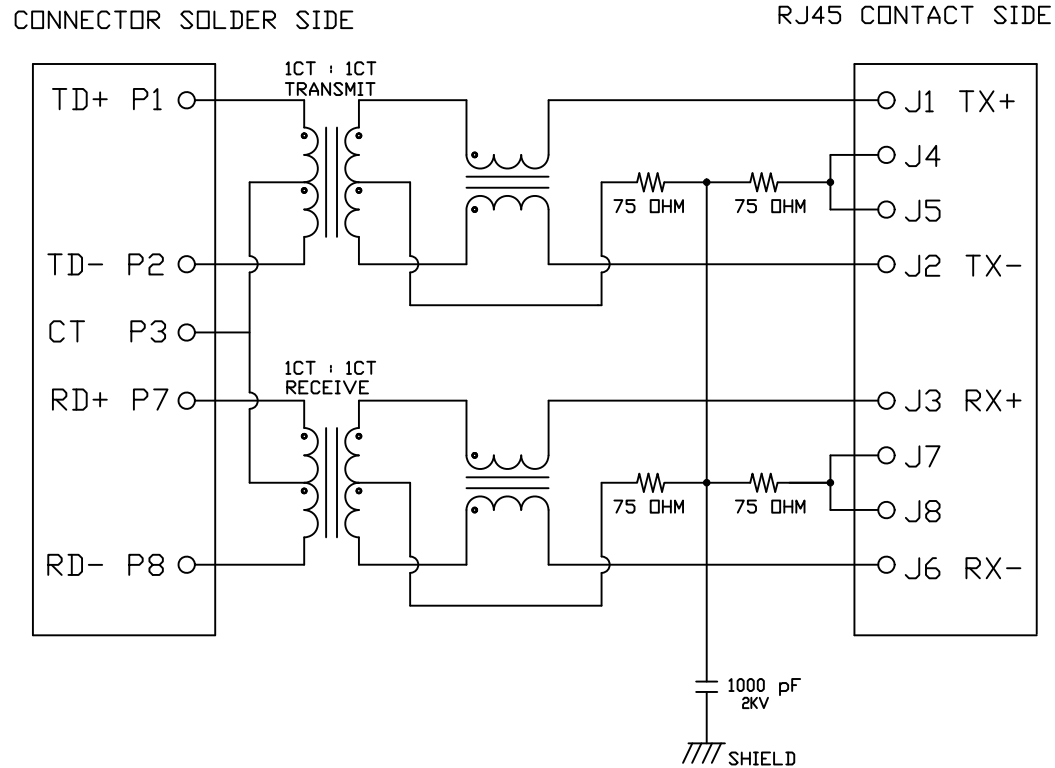
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|---|-------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED LINEAR: ±0.30 ANGULAR: ±3° | |
| REVISIONS | SCALE |
| A | 5/1 |

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|------------|-------|------------|------------------|
| SIGNATURES | | DATE | TITLE |
| DRAWN | David | 2009.03.16 | Transformer Type |
| CHK'D | Nick | 2009.03.16 | NO. |
| APPV'D | Rex | 2009.03.16 | D31 |

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| NO. | | D31 |
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Circuit Type:D41

1. SCHEMATIC:



2. ELECTRICAL CHARACTERISTICS :

Test Notes:(25±5°C)

1.TR:(100KHz,0.1V):

Pins:(P1-P2):(J1-J2)=1:1±3%

Pins:(P7-P8):(J3-J6)=1:1±3%

2.LX:(100KHz,100mV,8mA, DC Bias)

Pins:(P1-P2),(P7-P8)=350uH Minimum

3.DCR:

Pins:(J1-J2),(J3-J6)=1.2 Ω Maximum

4.HIPOT:

Pins:(P1,P2)To(J1,J2)=1500VAC For 60s or 2250VDC 60s

Pins:(P7,P8)To(J3,J6)=1500VAC For 60s or 2250VDC 60s

5.INSERTION LOSS:

-1.0dB Maximum At 0.3MHZ To 100MHZ

6.RETURN LOSS:

-18dB Minimum At 1MHz To 30MHz,load 100 Ω ;

-16dB Minimum At 30MHz To 60MHz,load 100 Ω ;

-12dB Minimum At 60MHz To 80MHz,load 100 Ω .

7.CROSS TALK:

-30dB Minimum At 1MHz To 100MHz

8.COMMON TO COMMON MODE REJECTION:

-30dB Minimum At 1MHz To 100MHz

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| SYM | DISCRIPTION | DATE | APPROVED |



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|---|------------|--------|------------|------------------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED LINEAR: ±0.30 ANGULAR: ±3° | SIGNATURES | | DATE | TITLE |
| | DRAWN | David | 2009.03.16 | Transformer Type |
| | CHK'D | Nick | 2009.03.16 | NO. |
| REVISIONS | SCALE | APPV'D | Rex | 2009.03.16 |
| A | 5/1 | | | D41 |