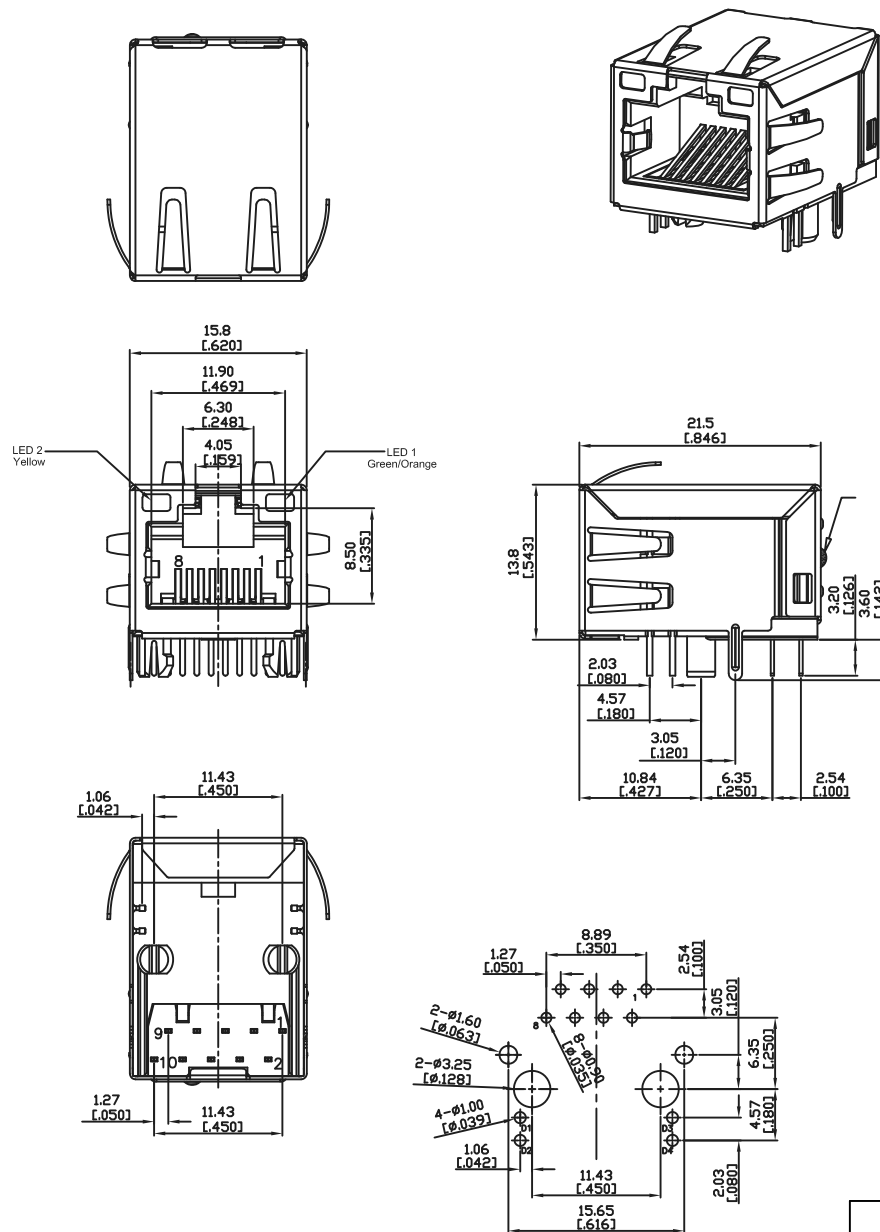


1. MECHANICAL DIMENSIONS:



PCB LAYOUT TOP VIEW
PCB THICKNESS: 1.60±0.05mm
TOLERANCE: ±0.05mm

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℃~70℃

PART NO : GF88CS-B*1*-D**

Positions
Contacts
Extender Series
Panel Ground
Non : Non Panel Ground
U : Top With Panel Ground
D : 2 Sides With Panel Ground
S : 3 Sides With Panel Ground
Housing Color
B : Black
Gold Plated
0 : Gold Flash
1 : 6u"
2 : 15u"
3 : 30u"
4 : 50u"
Ports
Led Options
Circuit Type
Protocol Type
D: 10/100 Mbps,4 core
Led Polarity

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)

部位 編號	LED 2 (Left)	LED 1 (Right)
0		
1		
2		
3		

△			
△			
△			
△			
△			
SYM	DISCRIPTION	DATE	APPROVED



TACLEX

TACLEX ELECTRONICS CO., LTD.

TOLERANCES UNLESS
OTHERWISE SPECIFIED
LINEAR: ±0.30 ANGULAR: ±3°

SIGNATURES

DATE

TITLE

RJ45 JACK +TSFM 1G

REVISIONS
A



SCALE
5/1

CHK'D
APPV'D

Eric
Alex
Rex

2005.01.11
2005.01.11
2005.01.11

NO.

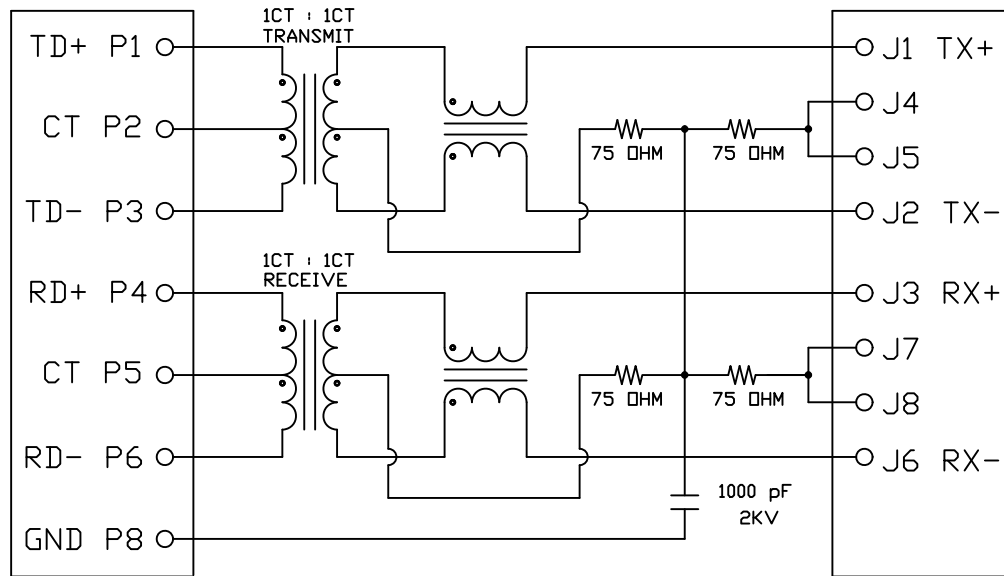
GF88CS-Bx1xx-Dxx

Circuit Type:D12

1. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



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



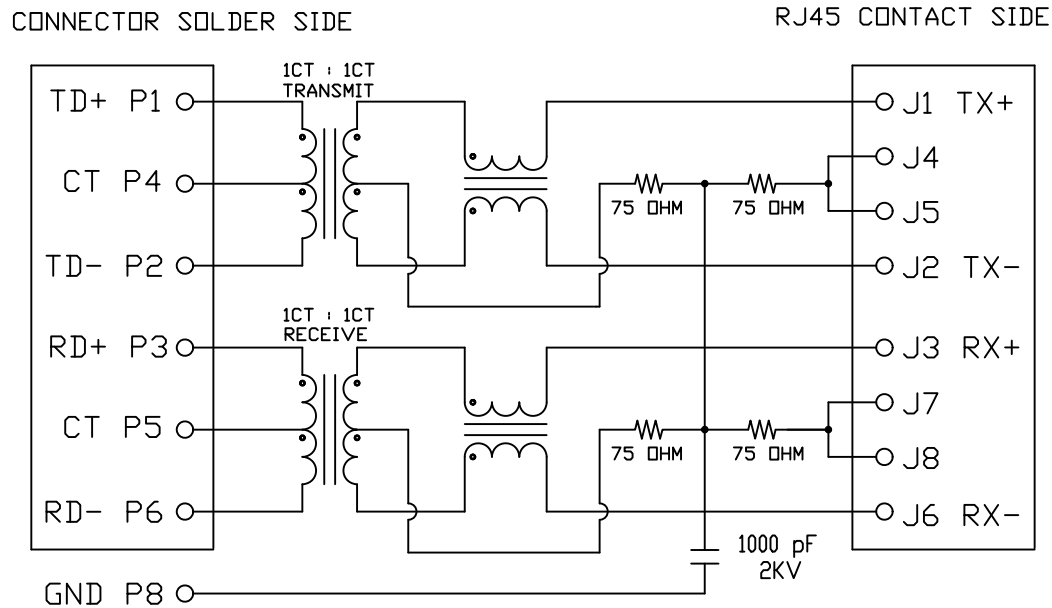
TACLEX

TACLEX ELECTRONICS CO., LTD.

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

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



TACLEX

TACLEX ELECTRONICS CO., LTD.

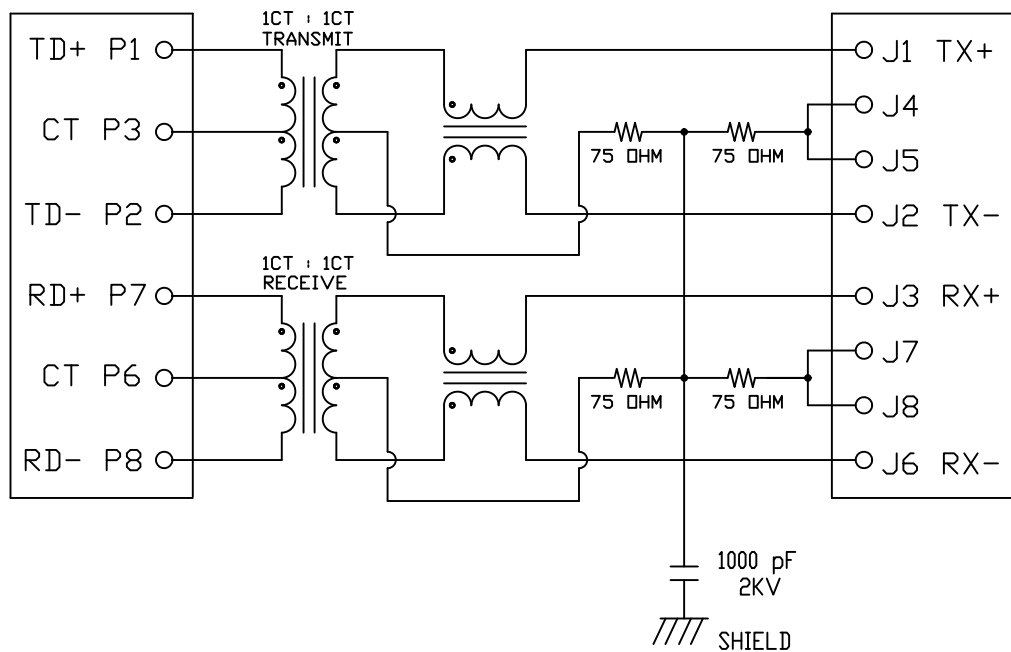
TOLERANCES UNLESS OTHERWISE SPECIFIED LINEAR: ±0.30 ANGULAR: ±3°			SIGNATURES		DATE	TITLE Transformer Type
			DRAWN	David	2009.03.16	
REVISIONS A		SCALE 5/1	CHK'D	Nick	2009.03.16	NO. D22
			APPV'D	Rex	2009.03.16	

Circuit Type:D31

1. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



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

△			
△			
△			
△			
△			
SYM	DISCRIPTION	DATE	APPROVED



TACLEX

TACLEX ELECTRONICS CO., LTD.

TOLERANCES UNLESS
OTHERWISE SPECIFIED
LINEAR:±0.30 ANGULAR: ±3°

SIGNATURES

DATE

TITLE

Transformer Type

DRAWN

David

2009.03.16

CHK'D

Nick

2009.03.16

APPV'D

Rex

2009.03.16

NO.

D31

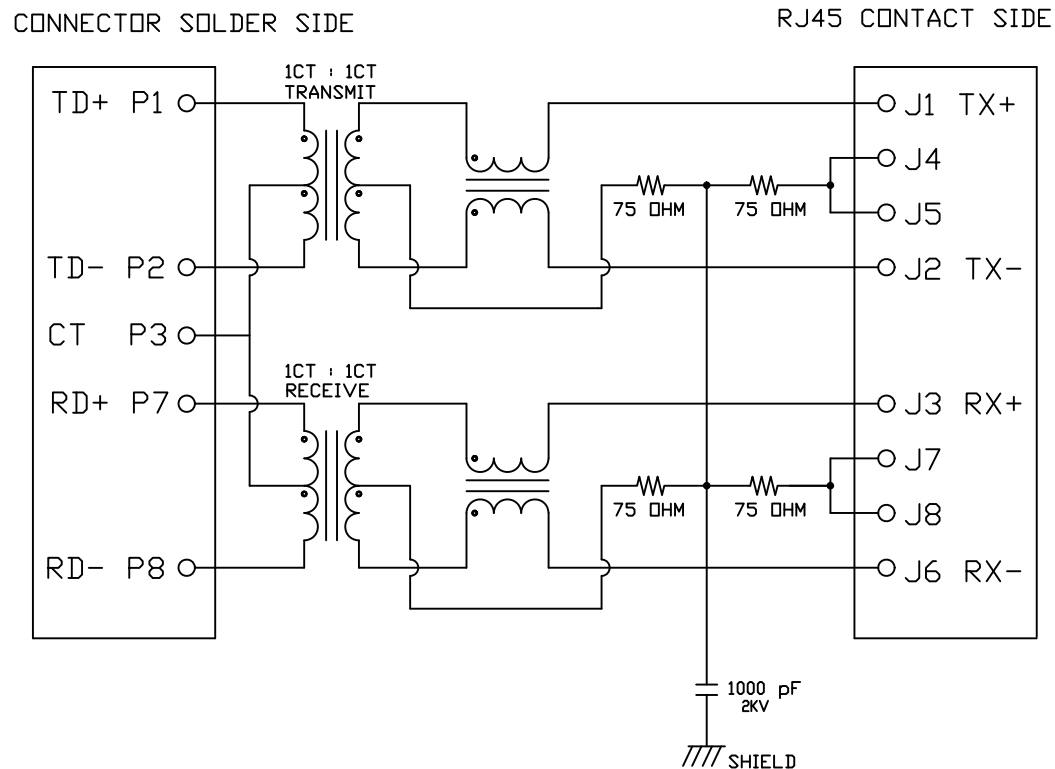
REVISIONS
A



SCALE
5/1

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

△			
△			
△			
△			
△			
SYM	DISCRIPTION	DATE	APPROVED



TACLEX

TACLEX ELECTRONICS CO., LTD.

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