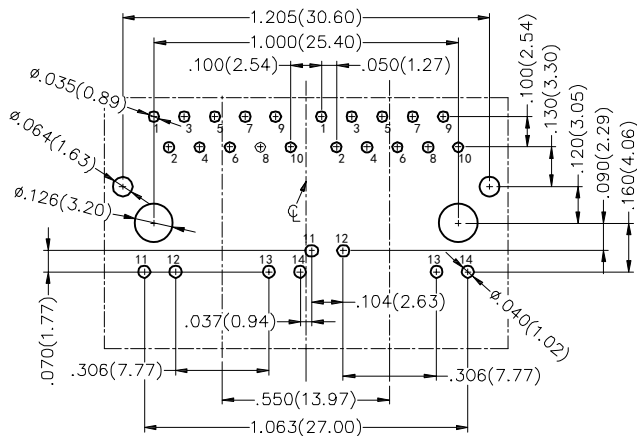
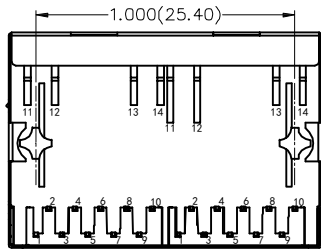
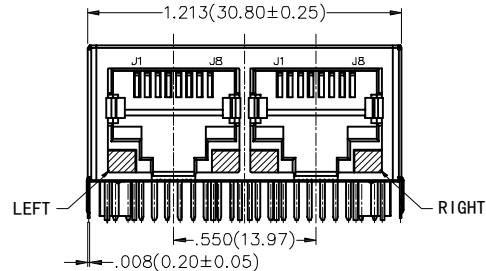
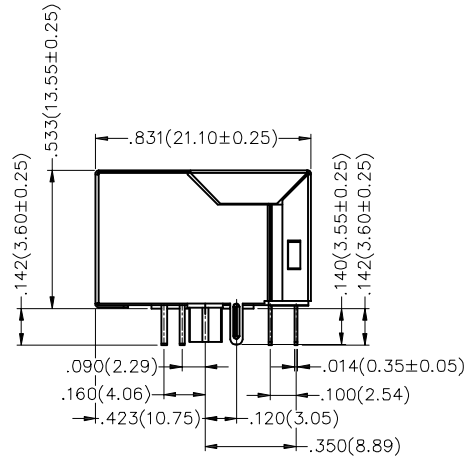




Recommended P.C.Board Layout



SPECIFICATIONS

Electrical

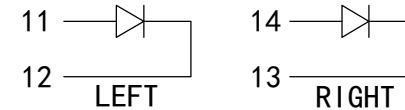
Current Rating: 1.5A AC(rms)/DC
Voltage Rating: 125V AC(rms)/DC
Contact Resistance: 50 mΩ Max
Insulation Resistance: 500 MΩ Min / DC 500V
Withstanding Voltage: 1000V AC r.m.s
Operating Temperature: -40°C~+85°C

Mechanical

Durability: 750 cycles
Mating Force: 30N MAX.

Material and plating

Housing: PBT (UL 94V-0), Black
Terminals bracket: PBT, UL94V-0, Black
Contact: Phosphor Bronze C5210 /
Selective gold in contact area, tin on tail
Shield: C2680/ Nickel Plated

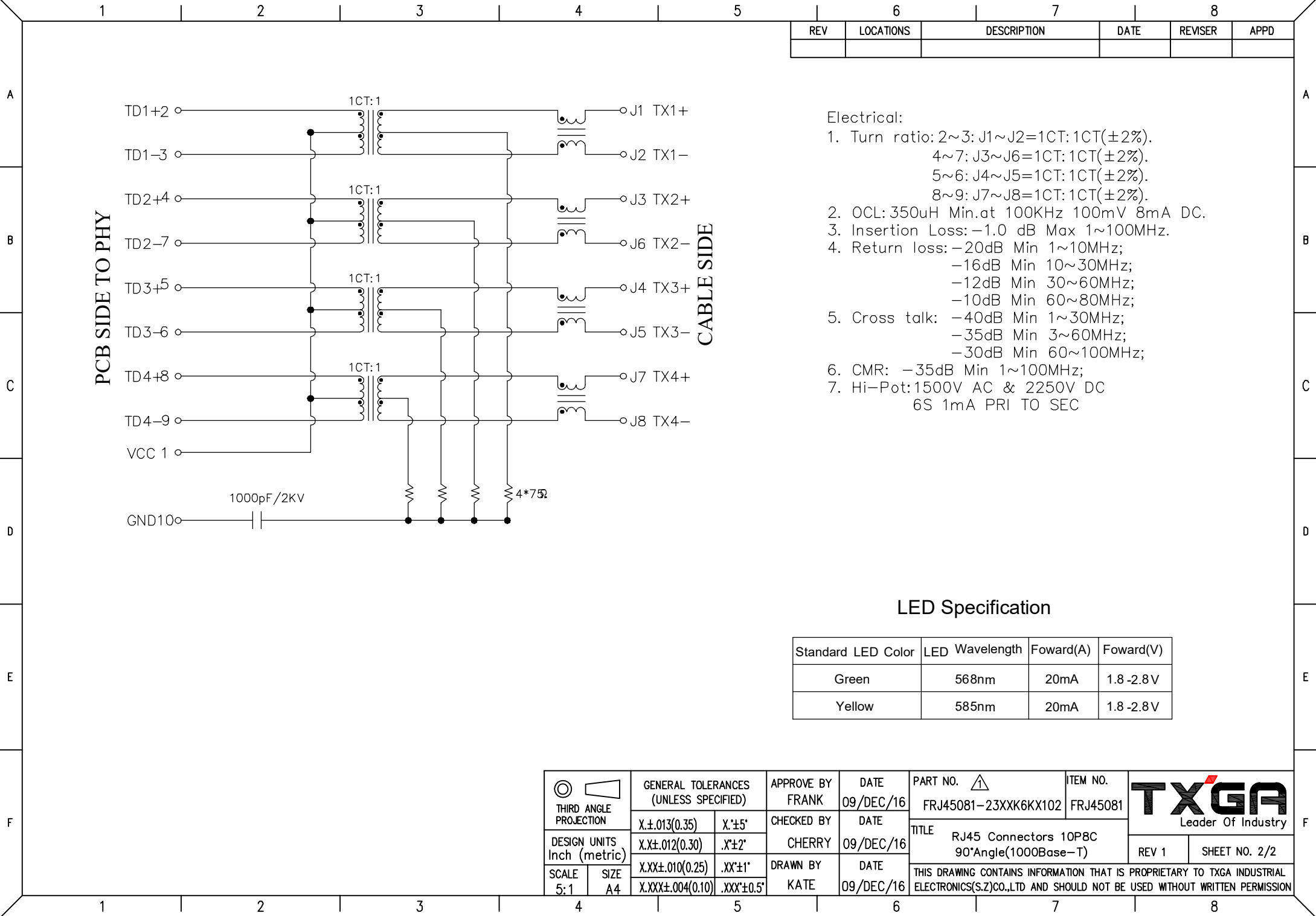


Ordering Information

FRJ45 081 — 2 3 XX K6 K X 1 0 2
1 2 3 4 5 6 7 8 9 10

1 Category FRJ45—RJ45 Connector	2 Distinction No. 081	3 Ports options 2-2 Ports	4 Plating 3-Selective gold in contact area, tin on tail	5 Thickness of plating 00-Gold flash 03-3μ" Custom plate available
6 Color-Resin K6-Black	7 Packaging K- Tray	8 LED style 1-L: Yellow R: Green 2-L: Green R: Yellow	9 Contact type 1-Square pin	10 Pin circuits 2-1000Base-T

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 09/DEC/16	PART NO.  FRJ45081-23XXK6KX102	ITEM NO. FRJ45081	 Leader Of Industry	
		X.±.013(0.35)	X.±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.012(0.30)	.X°±2°	CHERRY	09/DEC/16	RJ45 Connectors 10P8C 90°Angle(1000Base-T)		REV 1	SHEET NO. 1/2
SCALE 5:1	SIZE A4	X.XX±.010(0.25)	.XX±1°	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		X.XXX±.004(0.10)	.XXX±0.5°	KATE	09/DEC/16				



A

B

C

D

E

F

12345678

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical
Current Rating: 1.5A AC(rms)/DC
Voltage Rating: 125V AC(rms)/DC
Contact Resistance: 30 mΩ Max
Insulation Resistance: 500 MΩ Min
Withstanding Voltage: 1000V AC r.m.s
Mechanical
Durability: 750 Cycles Min
Mating Force: 23N Max
Operating Temperature: -40°C~+85°C
Material and plating
Housing: PBT(UL 94V-0),Black
Terminals Bracket: PBT(UL 94V-0),Black
Contacts: Phosphor Bronze/Selective gold on contact area, tin on tail
Shell: Copper Alloy/Nickel Plated

A

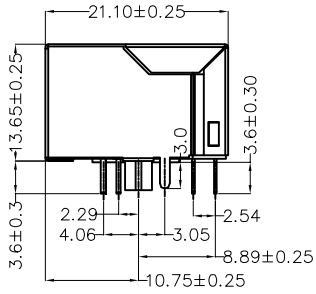
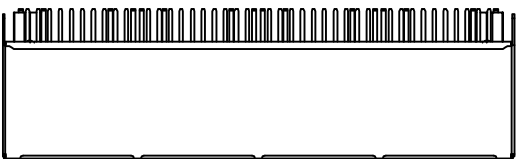
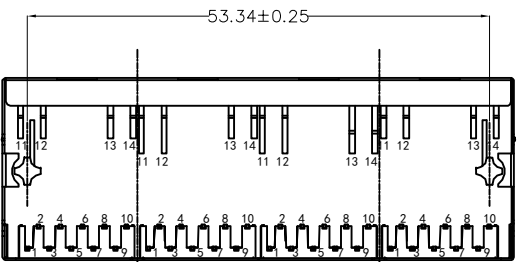
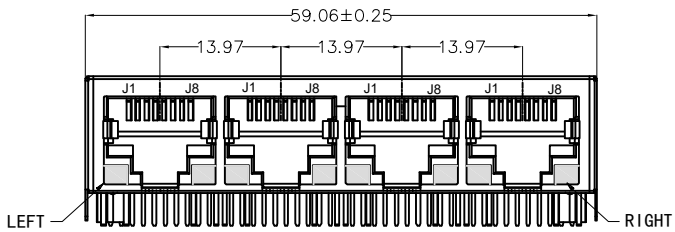
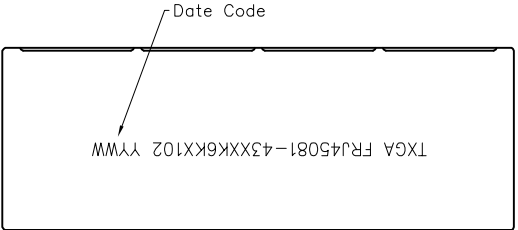
B

C

D

E

F



Ordering Information

FRJ45 081 — 4 3 XX K6 K X 1 0 2
1 2 3 4 5 6 7 8 9 10

1 Category FRJ45-RJ45 Connector	2 Distinction No. 081	3 Ports options 4-4 Ports	4 Plating 3-Selective gold in contact area, tin on tail	5 Thickness of plating 06-6μ" Custom plate available
6 Color-Resin K6-Black	7 Packaging K-Tray	8 LED style 1-L: Yellow R: Green 2-L: Green R: Yellow	9 Contact type 1-Square pin	10 Pin circuits 2-1000Base-T

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 25/AUG/18	PART NO. FRJ45081-43XXK6KX102	ITEM NO. FRJ45081	 Building Technology Cornerstone		
DESIGN UNITS Metric(mm)		X.±0.30	X'.±5"	CHECKED BY	DATE	TITLE RJ45 Connectors 10P8C 90°Angle(1000Base-T)		REV 0		SHEET NO. 1/2
		X.X±0.20	X'.±2"	GISELLE	25/AUG/18					
		SCALE 5:1	SIZE A4	X.XX±0.15	.XX'±1"	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		X.XXX±0.10	.XXX'±0.5"	MATT	25/AUG/18					

12345678

